



NAVY TRAINING SYSTEM PLAN

FOR THE

AN/USM-636(V) CONSOLIDATED

AUTOMATED SUPPORT SYSTEM

N88-NTSP-A-50-8515E/D

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AN/USM-636(V) CONSOLIDATED AUTOMATED SUPPORT SYSTEM

EXECUTIVE SUMMARY

The AN/USM-636(V) Consolidated Automated Support System (CASS) is a computer-assisted, multi-functional Automatic Test Equipment (ATE) used to test various electronic components at Navy and Marine Corps Intermediate Maintenance Activities, Naval Weapons Stations, Naval Aviation Depots, and Naval Sea System Command support activities. The objective of the CASS program is to consolidate electronic and avionics support into one standard ATE system. The CASS program is expected to grow as new weapon systems emerge and additional testing requirements are identified. The CASS program is in the Operations and Support Phase of the Defense Acquisition System. Milestone C was achieved on 28 March 1994 for the Hybrid (HYB); the Communication, Navigation, and Identification (CNI); and the Radio Frequency (RF) configurations. The Electro-Optical Plus (EO+) configuration Milestone C decision was achieved in December 1998. The Initial Operational Capability was achieved in October 1993.

CASS is a five-rack integrated test system. Additional racks configure the basic CASS station into more specialized testers. CASS is designed to accommodate variations in workload and allow for Test Program Set transferability among the different configurations. To alleviate a repeat of problems and deficiencies experienced in the fleet with older ATE hardware and software, the CASS procurement process employs the same requirements placed upon major weapon systems, including Developmental and Operational Testing directed by Test and Evaluation Master Plan guidelines.

Operation and maintenance of CASS is currently performed by Navy personnel from the Aviation Electronics Technician (AT) rating with Navy Enlisted Classification (NEC) 6704. AT personnel with NEC 6705 perform on-line calibration and advanced maintenance. Two new NECs were recently approved for the ancillary High Powered Device Test Subsystem (HPDTS) and the EO+ configuration, NECs 6723 and 6724 respectively. In November 2003, *CASS Electronic Warfare (EW) Operator/Maintainer* will be ready for training for NEC 67XX personnel. Marine Corps personnel with the Military Occupational Specialty (MOS) 6467 currently operate CASS and perform all maintenance including calibration. Two new MOSSs were approved for EO+ (6472) and HPDTS (6473). In November 2003, *USMC CASS Electronic Warfare (EW) Operator/Maintainer* will be ready for training.

Initial training has been completed for CASS. CASS follow-on training has been established at Maintenance Training Unit (MTU) 3010 Naval Air Maintenance Training Unit (NAMTRAU) Oceana, Virginia, and MTU 3011 NAMTRAU North Island DET Miramar, California. The three established training tracks for AT 6704, AT 6705, and MOS 6467 have been revised and two new courses were developed for the EO+ and HPDTS.



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LIST OF ACRONYMS

ACDU	Active Duty
AEGIS	Airborne Early Warning/Ground Environment Integration System
AIMD	Aircraft Intermediate Maintenance Department
ALSP	Acquisition Logistic Support Plan
AMRAAM	Advanced Medium Range Air-to-Air Missile
AMTCS	Aviation Maintenance Training Continuum System
AOB	Average Onboard
APU	Auxiliary Power Unit
AR	Active Reserve
ASW	Anti-Submarine Warfare
AT	Aviation Electronics Technician
ATARS	Advanced Tactical Air Reconnaissance System
ATE	Automatic Test Equipment
ATI	Automated Technical Information
ATIR	Annual Training Input Requirement
ATLAS	Abbreviated Test Language for All Systems
ATS	Automatic Test Set or Avionics Test Set
AUR	All-Up-Round
BIT	Built-In Test
CASS	Consolidated Automated Support System
C/ATLAS	C/Abbreviated Test Language for All Systems
CAT-IIID	Computerized Automatic Test - IID
CD-ROM	Compact Disk-Read Only Memory
CDTS	Controls and Display Test Station
CEC	Cooperative Engagement Capability
CFY	Current Fiscal Year
CIN	Course Identification Number
CINCLANTFLT	Commander in Chief, Atlantic Fleet
CINCPACFLT	Commander in Chief, Pacific Fleet
CIP	CASS Implementation Plan
CM	Corrective Maintenance
CMC	Commandant Marine Corps
CNET	Chief, Naval Education and Training
CNI	Communication, Navigation, and Identification
CNO	Chief of Naval Operations
COTS	Commercial Off-The-Shelf
CTS	Computer Test Station
CV	Aircraft Carrier

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LIST OF ACRONYMS

CVN	Aircraft Carrier, Nuclear
DA	Developmental Activity
DET	Detachment
DICONS	Direct Instrument Control Software
DMTS	Digital Module Test Set
DoD	Department of Defense
DT	Developmental Test
DTB	Digital Test Bench
DTU	Digital Test Unit
ECM	Electronic Counter Measures
ECP	Engineering Change Proposal
ECR	Electronic Classroom
EETS	Electrical Equipment Test Set
EHD	External Hard Drive
EMD	Engineering Manufacturing Development
EO	Electro-Optical
EO+	Electro-Optical Plus
EOSS	Electro-Optical Support System
EOSTS	Electro-Optical System Test Set
EOTS	Electro-Optical Test Set
ESD	Electro Static Discharge
ESTS	Electronic System Test Set
ETS	Exciter Test Station
EW	Electronic Warfare
FAT	First Article Test
FLIR	Forward Looking Infrared
FMS	Foreign Military Sales
FOT&E	Follow-On Test and Evaluation
FST	Fleet Support Team
FY	Fiscal Year
GE	General Electric
GFE	Government Furnished Equipment
GPETE	General Purpose Electronic Test Equipment
GPI	General Purpose Interface
GPTE	General Purpose Test Equipment

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LIST OF ACRONYMS

GWTS	Guided Weapons Test System
HARM	High-speed Anti-Radiation Missile
HATS	Hybrid Automatic Test Set
HPDTS	High Power Device Test Subsystem
HTML	Hyper Text Machine Language
HTS	Hybrid Test Set
HYB	Hybrid
IATS	Integrated Avionics Test Set
ICAP	Improved Capability
IETM	Interactive Electronic Technical Manual
IMA	Intermediate Maintenance Activity
IMM	Instructional Media Material
IMUTS	Inertial Measurement Unit Test Set
IO	Input-Output
IPB	Illustrated Parts Breakdown
IRR	Infrared Receiver
IRSTS	Infrared Search and Track System
JRB	Joint Reserve Base
JTIDS	Joint Tactical Information Distribution System
LAMPS	Light Airborne Multi-Purpose System
LAN	Local Area Network
LDT	Laser Detector Tracker
LFTS	Low Frequency Test Station
LHA	Amphibious Assault Ship (General Purpose)
LHD	Amphibious Assault Ship (Multi-Purpose)
LMIS	Lockheed Martin Information Systems
LPS	Laser Power Supply
LRIP	Low Rate Initial Production
LSA	Logistics Support Analysis
LTR	Laser Transmitter Receiver
MALS	Marine Aviation Logistics Squadron
MATMEP	Maintenance Training Management and Evaluation Program
MCAS	Marine Corps Air Station
MCCDC	Marine Corps Combat Development Command
MIM	Maintenance Instruction Manual

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MMH	Multi-Mission Helicopter
MOS	Military Occupational Specialty
MSD	Material Support Date
MTU	Maintenance Training Unit
NA	Not Applicable
NADEP	Naval Aviation Depot
NALCOMIS	Naval Air Logistics Command Management Information System
NAMTRA MARU	Naval Air Maintenance Training Marine Unit
NAMTRAU	Naval Air Maintenance Training Unit
NAS	Naval Air Station
NATEC	Naval Air Technical Data and Engineering Service Command
NAVAIR	Naval Air Systems Command
NAVAVNDEPOT	Naval Aviation Depot
NAVPERSCOM	Naval Personnel Command
NAVSEA	Naval Sea Systems Command
NAWCAD	Naval Air Warfare Center Aircraft Division
NEC	Navy Enlisted Classification
NEWTS	New Electronic Warfare Test Set
NOAA	National Oceanographic and Atmospheric Agency
NSD	Navy Support Date
NTSP	Navy Training System Plan
NUWC	Naval Underwater Warfare Center
NWS	Naval Weapon Station
OLRS	Off-Line Reader System
OMS	Operational Management System
OPNAV	Office of the Chief of Naval Operations
OPNAVINST	OPNAV Instruction
OPO	Office of the Chief of Naval Operations Principal Official
OPTEVFOR	Operational Test and Evaluation Force
OR	Optical Reader
OSM	On Site Maintenance
OT	Operational Test
OTPI	Operational Test Program Instruction
OTPS	Operational Test Program Set
PFY	Previous Fiscal Year
PM	Preventive Maintenance
PMA	Program Manager, Air

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LIST OF ACRONYMS

PMOS	Primary Military Occupational Specialty
PNEC	Primary Navy Enlisted Classification
QD Coolant	Quick Disconnect Coolant
RADCOM	Radar Countermeasures
RF	Radio Frequency
RFT	Ready For Training
RFTS	Radio Frequency Test Station
RRS	Recorder Reproducer Set
RSTS	Radar System Test Set
RTCASS	Reconfigurable-Transportable CASS
SEAOPDET	Sea Operational Detachment
SGMA	Synchro Generation Measurement Assembly
SIMA	Shore Intermediate Maintenance Activity
SMAT	Self Maintenance Testing
SMCR	Selected Marine Corps Reserve
SMOS	Secondary Military Occupational Specialty
SMS	Surface Missile System
SNEC	Secondary Navy Enlisted Classification
SOS	Support of Support
SPAWAR	Space and Naval Warfare Systems Command
SPETE	Special Purpose Electronic Test Equipment
SPTE	Special Purpose Test Equipment
SRA	Shop Replaceable Assembly
ST	Special Tool
TA	Training Agency
TAR	Training and Administration of the Naval Reserve
TBD	To Be Determined
TD	Training Device
TECHEVAL	Technical Evaluation
TFFMS	Total Force Manpower Management System
TFS	Total Force Structure
TIF	Test Integration Facility
TMV	Tailored Mini-Vast
T/O	Table of Organization
TP	Test Program
TPI	Test Program Instruction

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LIST OF ACRONYMS

TPS	Test Program Set
TPSD	Test Program Set Documentation
TSA	Training Support Activity
TTE	Technical Training Equipment
TTS	Transmitter Test Station
TWP	Test Workaround Procedure
UEU	Universal Exciter Upgrade
UIC	Unit Identification Code
ULSS	User Logistics Support Summary
USMC	United States Marine Corps
USN	United States Navy
UUT	Unit Under Test
VAST	Versatile Avionics Shop Test
VME	Virtual Memory Extension
VTS	Video Test Station
VXI	Virtual Memory Extended for Instrumentation
W1	Cable 1
WRA	Weapon Replaceable Assembly
WSTS	Weapon System Test Station



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PREFACE

This Navy Training System Plan (NTSP) for the AN/USM-636(V) Consolidated Automated Support System (CASS) was prepared by the Naval Air Systems Command (NAVAIR) as part of the regular NTSP update process within the guidelines set forth in the Navy Training Requirements Documentation Manual. This NTSP reflects the changes that have occurred since the last Approved NTSP, A-50-8515D/A, dated January 2002. The major changes to this NTSP consist of:

- Reconfigurable-Transportable CASS (RTCASS) schedule
- Updated listing of CASS-supported systems
- Revised Navy Support Dates (NSD) and Material Support Dates (MSD)
- Updated, summarized CASS delivery schedule by activity
- Updated Technical Training Equipment (TTE) delivery schedule
- Information concerning Foreign Military Sales (FMS) and teaming efforts
- Installation of CASS aboard amphibious assault ships (hard-sited) vice mobile facilities (vans)
- Navy and United States Marine Corps (USMC) CASS/Electronic Warfare (EW) course introductions

November 2002

PART I - TECHNICAL PROGRAM DATA

A. NOMENCLATURE-TITLE-PROGRAM

1. **Nomenclature-Title-Acronym.** AN/USM-636(V) Consolidated Automated Support System (CASS)
2. **Program Element.** 64215N

B. SECURITY CLASSIFICATION

1. **System Characteristics** Unclassified
2. **Capabilities** Unclassified
3. **Functions** Unclassified

C. MANPOWER, PERSONNEL, AND TRAINING PRINCIPALS

OPNAV Principal Official (OPO) Program Sponsor	CNO (N781B)
OPO Resource Sponsor.....	CNO (N785D)
Marine Corps Program Sponsor	CMC (ASL34)
Developing Agency	NAVAIR (PMA260)
Training Agency	COMLANTFLT COMPACFLT NETC MCCDC
Training Support Agency.....	NAVAIR (PMA205)
Manpower and Personnel Mission Sponsor.....	CNO (N12) NAVPERSCOM (PERS-4, PERS-404) CMC (ASM-1)
Director Naval Education and Training.....	CNO (N00T)
Marine Corps Force Structure.....	MCCDC (C53) CMC (ASM-1)

D. SYSTEM DESCRIPTION

1. Operational Uses. The AN/USM-636(V) CASS is a computer-assisted, multi-functional, Automatic Test Equipment (ATE) designed to fulfill current and future automatic testing requirements. CASS is used to test various electronic components at Navy and Marine Corps Intermediate Maintenance Activities (IMA), Naval Weapons Stations (NWS), Naval Sea System Command (NAVSEASYSCOM) support activities, and Naval Aviation Depots (NAVAVNDEPOT). Currently, there are five CASS configurations with 90 percent hardware commonality. (This does not include Guided Weapons Test Set (GWTS), which makes six). Additional configurations have been developed to support guided munitions All-Up-Round (AUR) testing and to support Marine Corps forward deployed rotary wing aircraft.

CASS is the Naval Service's common Automatic Test System serving weapon support needs well into the 21st century. It is a system designed to meet both the Navy's and Department of Defense's (DoD) electronic test requirements. The various configurations of CASS contain five or six racks of test instruments fully integrated into a complete test system. To avoid obsolescence and allow upgrades for testing future weapon technologies, CASS uses flexible hardware and software architecture.

CASS is currently targeted to support systems in the AV-8B, E-2C, EA-6B, F/A-18, F-14, H-60, P-3C, S-3B, and V-22 aircraft. CASS also provides maintenance support for the Advanced Medium Range Air-to-Air Missile (AMRAAM) and High-speed Anti-Radiation Missile (HARM), airborne and battle group Joint Tactical Information Distribution System (JTIDS), and the SQQ-89 Airborne Early Warning/Ground Environment Integration System (AEGIS) Antisubmarine Warfare (ASW) Combat System. Several older ATE systems (referred to as "legacy") will transition their workload to CASS. Initially, these included AN/USM-247 Versatile Avionics Shop Test (VAST), AN/AAM-60(V)6 Electro-Optical System Test Set (EOSTS), and AN/USM-403 Hybrid Automatic Test Set (HATS) offloads. Other ATE, non-ATE, and interim support equipment workloads will transition as new systems emerge.

Future CASS applications will include other NAVAIR, NAVSEA, and Space and Naval Warfare Systems Command (SPAWAR) weapon systems.

2. Foreign Military Sales. A cooperative agreement between NAVAIR, Lockheed Martin Information Systems (LMIS), and INDRA DTD (based in Spain) resulted in the joint undertaking of developing a new configuration, the RTCASS, with all three parties sharing equally in the cost. INDRA has an interest in this program because the government of Spain has purchased several Navy systems including the F/A-18, AV-8B, SH-60B, P-3C, Harpoon, Sidewinder, Sparrow, Evolved Sea Sparrow, HARM, FFG-7, and AEGIS Combat System.

FMS are planned for Malaysia, Finland, Switzerland, Kuwait, Australia, and Italy. For further information on CASS FMS, contact Program Manager, Air (PMA) 260. In addition to the FMS addressed above, the National Oceanographic and Atmospheric Agency (NOAA) procured CASS to support its electronic weather monitoring systems.

E. DEVELOPMENTAL TEST AND OPERATIONAL TEST. PMA260 has the overall responsibility for the development and coordination of testing for CASS. NAVAIR (Naval Air Warfare Center Aircraft Division (NAWCAD)) Patuxent River, Maryland, is responsible for conducting Developmental Tests (DT). Operational Test and Evaluation Force (OPTEVFOR) is responsible for conducting Operational Tests (OT).

- DT-IIA and DT-IIB were conducted at the General Electric (GE) facilities in Huntsville, Alabama, from October 1987 to March 1990.
- DT-IIC Phases I through III were conducted at NAWCAD Patuxent River from April 1990 to April 1993.
- OT-IIA through OT-IIC were conducted under OPTEVFOR guidance at Aircraft Intermediate Maintenance Department (AIMD), Naval Air Station (NAS) Patuxent River, from April 1990 to July 1993.
- Follow-On Test and Evaluation (FOT&E), DT-III A, was conducted at the Test Integration Facility (TIF) Jacksonville, Florida, from May through June 1993, on the JTIDS Test Program Set (TPS).
- DT-IIIB for the Electro-Optical Plus (EO+) CASS station was completed in February 1998 at TIF Jacksonville.
- CASS FOT&E, OT-III A, was conducted at NAWCAD Patuxent River and completed in September 1995. OT-IIIB was completed in August 1998.
- RTCASS has completed the systems requirements review, the hardware, software, self-test, calibration engineering requirements review, and a system integration review. Two RTCASS prototypes performed a demonstration in May 2000. A Technical Evaluation (TECHEVAL) schedule is in development which will lead to a First Article Test (FAT) in January 2004. Additional information on TECHEVAL and FAT will be included in future updates to this NTSP.

Additional DTs are required as new TPSs and advancements in the CASS program are developed; contact PMA260 for specific information. As new CASS configurations are developed in the future, they will require OT and will be included in updates to this NTSP.

F. AIRCRAFT AND/OR EQUIPMENT/SYSTEM/SUBSYSTEM REPLACED

1. Legacy Automatic Test Equipment. CASS replaces the following ATE systems as they become obsolete or are no longer cost effective to support:

TABLE I-1 - PHASE I ATE OFF-LOADS

NOMENCLATURE	TITLE	BEGIN DATE
AN/AAM-60(V)4/6	Electro-Optical System Test Set (EOSTS)	FY99

NOMENCLATURE	TITLE	BEGIN DATE
AN/APM-446	Radar System Test Set (RSTS)	FY01
AN/APM-438/469	Transmitter Test Station (TTS)	FY97
AN/APM-457	Recorder Reproducer Set (RRS)	FY01
AN/ASM-604	Electrical Equipment Test Set (EETS)	FY00
AN/ASM-614	Electronic System Test Set (ESTS)	FY97
AN/ASM-686	Integrated Avionics Test Set (IATS)	FY03
AN/AWM-23	Computer Test Station (CTS)	FY01
AN/AWM-23	Controls and Display Test Station (CDTS)	FY01
AN/AWM-23	Low Frequency Test Station (LFTS)	FY01
AN/AWM-23	Radio Frequency Test Station (RFTS)	FY00
AN/USM-247	Versatile Avionics Shop Test (VAST)	FY96
AN/USM-392B	Digital Module Test Set (DMTS)	FY02
AN/USM-403	Hybrid Automatic Test Set (HATS)	FY99
AN/USM-470(V)1	Avionics Test Set (ATS(V)1)	FY98
AN/USM-470(V)2	Avionics Test Set (ATS(V)2) (for F-14) a.k.a. Tailored Mini-VAST (TMV)	FY96
AN/USM-484	Hybrid Test Set (HTS) (for AV-8B)	FY00
AN/USM-629	Electro-Optical Test Set (EOTS)	FY01
OJ-615/ALM	Countermeasures Test Console	FY01

The legacy ATE offload to CASS is being accomplished in two phases. Phase I is almost completed. Phase II of the legacy ATE offload to CASS groups the following ATE systems into one competitively awarded contract.

TABLE I-2 - PHASE II ATE OFF-LOADS

NOMENCLATURE	NAME	BEGIN DATE
AN/USM-429	Computerized Automatic Test (CAT-IIID)	FY03
AN/USM-467	Weapon System Test Station (WSTS) a.k.a. Radar Communication (RADCOM)	FY03
AN/USM-484	HTS (for S-3B, EA-6B, F/A-18, H-60)	FY03
AN/SSM-9	Video Test Station (VTS)	FY04
AN/USM-458C(V)	New Electronic Warfare Test Set (NEWTS)	FY04
OJ-510/ALM	Digital Test Bench (DTB)	FY04
OJ-511/ALM	Exciter Test Station (ETS)	FY04
AN/USM-470(V)2	ATS(V)2 (for SH-60)	FY05/FY06

2. Next Test. NAVAIR has recognized that it will need to begin replacing the older versions of CASS stations beginning in 2006 due to obsolescence of Commercial Off-The-Shelf (COTS) technologies, physical deterioration, and escalating support costs. Development has begun on the next generation automatic test system, called Next Test, or NxTest, which will use innovative maturing test technology. Hardware will focus on test functions vice stand-alone test instruments, and Virtual Memory Extension (VME) Extended for Instrumentation (VXI) software is expected to significantly reduce the amount of hardware required.

NxTest will require much less hardware than CASS which means reduced acquisition costs, reduced operating and support costs, reduced space requirements (critical in a shipboard or field environment), greater reliability, and easier maintenance and upgrades. NxTest will probably co-exist with CASS at certain sites as well as re-hosting legacy CASS TPSs onto NxTest. Compatibility between the current and mid-term CASS and NxTest will be ensured.

G. DESCRIPTION OF NEW DEVELOPMENT

1. Functional Description

a. Consolidated Automated Support System Station. The basic CASS station is a five-rack integrated test system known as the Hybrid Tester. The addition of specialized racks to the Hybrid Tester allows CASS to be configured into additional types of testers. CASS is designed to accommodate variations in workload and to allow for TPS transferability among the different configurations. Currently, there are six CASS configurations:

- Hybrid (HYB)
- Radio Frequency (RF) and ancillary High Power Device Test Set (HPDTS)
- Communication, Navigation, Identification (CNI)
- Electro-Optical Plus (EO+)
- Reconfigurable-Transportable (RTCASS)
- Guided Weapons Test System (GWTS)

CASS features instrument-on-a-card architecture. The instruments communicate with the asset controller card, which, in turn, communicates with the host computer via an ethernet communications network. CASS also contains an external ethernet line for Local Area Network (LAN) communications between CASS stations. CASS is capable of performing simultaneous stimulus and measurements, either synchronously or asynchronously controlled. For the Operator-Maintainer, CASS offers a 79-key keyboard, a barcode reader wand, and a trackball assembly as control input devices. CASS software for the Operator-Maintainer interface is menu driven, and symbolized by icons on a flat panel screen. Each icon represents actions to be performed by the system. Each symbol is self-explanatory; however, an explanation in the form of a small English-language caption is also provided.

The original CASS stations from Lot 1, Low Rate Initial Production (LRIP), are now known as Block 1. The subsequent production lots that were upgraded with Engineering Change Proposals (ECP), AN/USM-636A(V), are commonly known as Block 2. The purpose of the ECPs are to increase reliability, reduce costs, reduce space requirements, and maintain 100 percent TPS compatibility. An ECP for the Electro-Optical (EO) configuration incorporated new technologies and components to improve the reliability, maintainability, supportability, and performance. These improvements include reduced life cycle and acquisition costs, reduced system weight by 800 pounds, and simplified calibration procedures. The improved EO configuration is called the EO+.

(1) Consolidated Automated Support System Configurations

(a) Hybrid. The HYB station is the basic CASS configuration and is used for general purpose testing of various systems and subsystems for electrical, electronics, computers, instruments, and flight controls. It uses ancillaries to test pneumatics, displays, and inertial navigation systems.

(b) Radio Frequency. The RF station has the basic test capability of the HYB plus electronic countermeasures, electronic counter countermeasures, electronic warfare support measures, fire control radar, navigation radar, tracking radar, surveillance radar, and radar altimeter test capabilities. The HPDTS ancillary device is designed to provide high power stimulus and measurement functions during testing. By providing a seventh rack to the RF station and integrated Operational Test Program Sets (OTPS), the HPDTS provides automatic capabilities to test avionics units whose technology encompasses special needs such as high power RF, high voltage, and high current systems. At least four legacy radar transmitter test stations and their liquid cooling stations will be replaced. The initial suite of offloaded legacy testers include the AN/APM-446 RSTS (F/A-18 and AV-8B radar), AN/APM-457 (S-3B

radar and P-3C), AN/AWM-23 RFTS/LFTS (F-14 radar), and OJ-615/ALM Countermeasures Test Console (EA-6B transmitters).

(c) Communication, Navigation, Identification. The CNI station performs the RF station capability plus communications, navigation, and spread spectrum systems testing.

(d) Electro-Optical Plus. The EO+ station performs the basic test functions as well as testing Forward Looking Infrared (FLIR), lasers and designators, Laser Range Finders, and visual systems.

(e) Reconfigurable Transportable Consolidated Automated Support System. The RTCASS is a separate and distinct subsystem of CASS developed under a cooperative agreement between LMIS, NAVAIR, and INDRA (Spain). RTCASS will initially support the Marine Corps' MV-22 and U.S. Special Operations Command's CV-22 aircraft. The Spanish Air Force has decided to support their F/A-18 Aircraft on RTCASS. INDRA is awaiting a contract to offload AIRSIM (an earlier version of AN/ASM-686 IATS) and AN/USM-484 HTS to RTCASS. If this occurs, the Marine Corps could have an option to support their F/A-18s on either RTCASS or CASS. In addition per PMA260, ATS AN/USM-470(V)1 offload will be designed to RTCASS.

RTCASS uses COTS hardware, VXI, and COTS system software (PC-based with Windows NT and a commercial software runtime system). Due to asset transportability, RTCASS TPSs must be upwardly compatible with mainframe CASS. RTCASS consists of nine cases (vice racks) that are arranged in a three-wide by three-high matrix. Each case is ruggedized to allow for transportability.

Each RTCASS case is physically connected to all adjacent cases using blind floating connectors and is mated using connector cross-rods. No external cables are required between the cases except for peripheral and ancillary equipment. The peripheral hardware, such as the keyboard, trackball or mouse, printer, and display are transported in a separate ruggedized container. The display, which is identical to mainframe CASS, is capable of being mounted and fastened to the side of the nine-box configuration or set upon the platform tabletop. RTCASS uses the CASS General Purpose Interface (GPI), and when the display is mounted on the platform tabletop, the GPI is positioned at the same height as on a mainframe CASS.

RTCASS is capable of easy reconfiguration for various mission roles. From a capabilities standpoint, the system may be configured for analog or digital testing requiring only four or six crates, or up to a nine-crate RF configuration that is nearly equivalent to a CASS RF station. The ability to reconfigure the system allows for the most cost effective test capability to be deployed.

Two prototypes of RTCASS have been delivered with three Engineering Manufacturing Development (EMD) stations scheduled for delivery in December 2002, January 2003, and March 2003. Initial production deliveries (three to six stations) are

scheduled from December 2003 through November 2004. Full rate production deliveries are scheduled to begin in December 2004 with a total of 145 RTCASS stations.

(f) Guided Weapons Test System. The GWTS has been developed to support AUR testing requirements of the AMRAAM at Joint Service depots. This is a stand-alone configuration using some CASS components but is not compatible with other CASS configurations and TPSs. Like the basic CASS configurations, it has open architecture with expansion and adaptability features to meet future guided munitions needs. Due to its very limited use, the GWTS is not included in Parts II and III of this NTSP.

(2) Automated Technical Information. CASS technical manuals have been developed in a digital format suitable for display on CASS and are known as Automated Technical Information (ATI). Technical information for TPSs may or may not be in digital format. Due to the high cost of producing ATI updates and the availability of current digital-format technology, CASS has started transitioning from the ATI format to a Hyper Text Machine Language (HTML)/Compact Disk-Read Only Memory (CD-ROM) format.

(3) Plasma Displays. Plasma displays are flat screen displays that use a gas to convert electrical energy into light. Plasma displays work on a principle similar to that of neon signs. The displays are 12 inches by 14 inches and swivel to provide maximum visual access to the Operator-Maintainer. Due to parts obsolescence, current monochrome displays will be upgraded with higher resolution color displays through ECP MKXE-E084. The color displays allow for future touch-screen capabilities through software enhancements. The new display assembly will be compatible with the existing mounts. This ECP includes replacing the display assembly and cables, and changing dipswitch settings on the computer graphics card.

(4) Ethernet Local Area Network. The ethernet is a high speed LAN used to interface between CASS stations. Ethernet uses Carrier-Sense-Multiple-Access with Collision Detection. A device listens for a clear channel before transmitting. If the channel is in use (carrier sensed), the device delays transmission. Since all of the devices have equal access to the network, ethernet is deemed a multiple access network. If two devices try to transmit data simultaneously over a previously clear channel, ethernet will sense this condition (collision), stop the transmission, and attempt to retransmit the data after waiting a randomly selected time.

b. Consolidated Automated Support System Test Program Sets. A TPS is used to verify the performance of a Unit Under Test (UUT) and to isolate a failure to a required level. A TPS is usually developed for a unique UUT and contains four basic elements:

(1) Test Program. The Test Program (TP) contains a coded sequence, which, when executed by CASS, provides a set of instructions that automatically determines the performance (operational readiness condition) of the UUT. For diagnostic programs, the TP isolates to a faulty subassembly or piece part.

(2) Interface Device. The Interface Device provides mechanical connections, electrical connections, and signal conditioning, as required, between CASS and the UUT. It may contain additional electronics that augment CASS's capability.

(3) Test Program Instruction. The Test Program Instruction (TPI) provides information needed for testing (i.e., hook-up, probe point locations, extra equipment) that cannot be conveniently provided or displayed by CASS under TP control.

(4) Supplementary Data. This data consists of information, text, schematics, and logic diagrams necessary for analysis of the TPS and UUT in the event of a problem or anomaly during the testing process.

c. Consolidated Automated Support System Supported Systems. The current CASS Implementation Plan (CIP) indicates plans for CASS TPS development for the following specific systems. The CIP is available on the World Wide Web at <http://pma260.navy.mil/cass/cip>.

- Advanced Tactical Air Reconnaissance System (ATARS)
- AH-1W
- Airborne Cooperative Engagement Capability (CEC)
- AMRAAM
- AN/ALE-47
- AN/ALE-50
- AN/ALQ-126B RF System Shop Replaceable Assembly (SRA)
- AN/ALR-67(V)3/4
- AN/APG-73 SRAs and Weapon Replaceable Assembly (WRA)
- AN/APS-137
- AN/SQQ-89(V) AEGIS ASW
- AV-8B II+
- E-2C AN/ASW-50
- E-2C ECPs 418 and 410R1
- EA-6B B10 Standard Facility Equipment
- EA-6B High/Low Band Transmitter
- EA-6B Universal Exciter Upgrade (UEU) SRAs and WRA
- F-14 Computer Signal Data Converter
- F-14 Control Indicator Bus Controller
- F-14 Mission Computer
- F-14 Programmable Multi Display Indicator Group
- F-14B/D Common SRA
- F-14 Programmable Tactical Indicator Display
- F-14D Infrared Search and Track System (IRSTS) SRA and WRA
- F-14D Radar SRA
- F-14D Surface Missile System (SMS)
- F-14D WRA
- F/A-18 SMS
- F/A-18C/D Combined Interrogator-Transponder
- F/A-18C/D FLIR
- F/A-18E/F
- F/A-18E/F Full Authority Digital Engine Control
- HARM

- JTIDS SRA and WRA
- Multifunctional Information Distribution System Low Volume Terminal
- MV-22 SRA and WRA
- Naval Underwater Warfare Center (NUWC) Keyport, Washington, Programs
- SH-60B/R Advanced Low Frequency Sonar
- SH-60B/R Block II
- SH-60B/R Keysets
- SH-60B/R Multiplexer-Demultiplexer
- Shipboard CEC
- T-45 Test Set Baseline WRAs
- T-45 Test Set Cockpit - 21 WRAs

d. Ancillary Equipment. Several pieces of ancillary equipment are or will be used with CASS for varying applications or to run specific TPSs. These include the HPDTS, Pneumatic Function Generator, RS-485 Manchester/Harpoon Test Set as part of the Advanced Communications Bus Interface, Video Pattern Generator, RF Probe, common antenna test stands, and printer. Refer to the CIP for additional information on ancillary equipment.

e. Optical Reader System. The Optical Reader (OR) System provides access to the ATI without diverting a CASS station. The OR consists of a viewing screen, a micro-VAX, and an optical hard drive. It is employed both in the fleet and the classroom.

The CASS program has begun to transition from the ATI format to an HTML/CD-ROM format. Several factors leading to this transition include current technologies that were not available during the initial development of CASS and ATI, better availability of desktop computers at fleet activities, high cost of ATI updates, and future supportability of the OR. No transition schedule has been developed, but the OR will eventually become obsolete and phased out of inventory with desktop computers taking their place.

2. Physical Description. The CASS HYB configuration consists of five electronic equipment racks connected together with the appropriate cabling. Additional specialized racks are added to produce the other main CASS configurations.

TABLE I-3 - OPERATING DIMENSIONS

CONFIGURATION	DEPTH (INCHES)	WIDTH (INCHES)	HEIGHT (INCHES)	WEIGHT (POUNDS)
HYB	54	128	83	4304
RF	54	152	83	5112
HPDTS	54	223	83	6619
CNI	54	152	83	5112

CONFIGURATION	DEPTH (INCHES)	WIDTH (INCHES)	HEIGHT (INCHES)	WEIGHT (POUNDS)
EO+	96	231	83	5294

For the RTCASS, the case dimensions will be 16 inches high by 22 inches wide by 30 inches deep and a fully loaded case will weigh no more than 150 pounds.

HYB, RF, CNI, and HPDTS stations use up-flow ambient air as a cooling medium, thus eliminating the requirement for external air conditioning. Ambient airflow is accomplished using internal fans and heat sinks with adequate surface areas to enhance heat dissipation. The EO+ configuration collimator (sixth rack) eliminates the forced air, cooling system that its predecessor required.

3. New Development Introduction. CASS was introduced as new production equipment. It is installed on aircraft carriers during the fleet modernization program and as an initial installation item on new construction ships. At shore installations, CASS is installed to replace legacy ATE and support various emerging systems. CASS was installed on amphibious assault ships during the fleet modernization program.

4. Significant Interfaces. Not Applicable (NA)

5. New Features, Configurations, or Material

a. Operational Management System. A new capability for CASS, known as Operational Management System (OMS), has been developed to provide Naval Air Logistics Command Management Information System (NALCOMIS)-like management information from a network of CASS stations. OMS automatically collects CASS asset and UUT failure data, as well as schedules, and monitors CASS jobs. A beta test was conducted to collect CASS asset failure data to assist the CASS Fleet Support Team, identify existing reporting capabilities, and determine the feasibility of sending the data up-line through NALCOMIS. This test began in March 1997 and was completed in September 1999. OMS is currently installed at all CASS afloat/ashore sites.

b. Airborne Early Warning/Ground Environment Integration System Class Ship Support. The feasibility of a new configuration of CASS is being explored for AEGIS-class ships. Although it is not a requirement at this time, the new configuration would be a smaller, reconfigurable version featuring more flexibility in its configurations. This reconfigurable CASS would provide specific testing capabilities for the weapon system supported.

c. Ancillaries

(1) High Power Device Test System. The HPDTS ancillary device is designed to provide high power stimulus and measurement functions during testing. By

providing a seventh rack to the RF station and integrated OTPS, the HPDTS provides automatic capabilities to test avionics units whose technology encompasses special needs such as high power RF, high voltage, and high current systems.

(2) Synchro Generation Measurement Asset. The Synchro Generation Measurement Asset (SGMA) will be installed in HYB stations to provide additional capability in support of legacy ATE offloads for AN/USM-247 VAST (S-3 Lot 5), AN/USM-403 HATS (S-3 Lots 1 and 2), and AN/APM-446 RSTS (Lot 1). A purchase of 33 kits has been completed in 2001 that allowed the delivery of two kits consisting of three SGMAAs and one Asset Controller per kit to each carrier, AIMD Jacksonville, and AIMD North Island. Additionally, five kits went to Lockheed-Martin to make up the 33 kits. An additional purchase is planned.

(3) External Hard Drive. The External Hard Drive (EHD) has been fielded to the fleet and TPS developer sites to allow classified TPSs to run without entering classified data onto the CASS station's internal hard drive. TPSs currently requiring an EHD are:

- AN/ALQ-126B RF SRA
- AV-8BII+
- AN/APG-73 WRA and SRA
- AN/APM-446 RSTS Lot 1 and Lot 3
- EA-6B UEU WRA
- AN/APM-446 HPDTS Offload
- F-14D IRSTS WRA
- AN/USM-629 EOTS Offload

H. CONCEPTS

1. Operational Concept. CASS is used at AIMDs ashore and afloat, Marine Aviation Logistics Squadrons (MALS), NAVAVNDEPOTs, NWSs, and other support sites. CASS will be used at Shore Intermediate Maintenance Activities (SIMA) when requirements are identified. CASS is capable of operating 23 hours a day. One hour is scheduled for daily maintenance.

At Navy activities, CASS is operated by Aviation Electronics Technician (AT) personnel with Navy Enlisted Classification (NEC) 6704 (E-3 through E-6), CASS Test Station IMA Operator/Maintainer. Two new NECs were approved in June 2000 to operate the HPDTS station and the EO+ station, AT 6723 and AT 6724, respectively. CASS stations are operated during two eight-hour shifts, five days per week at shore AIMDs and two 12-hour shifts, seven days per week on deployed carrier AIMDs. In November 2003, CASS EW Operator/Maintainer will be ready for training for NEC 67XX personnel.

Currently, Marine Corps personnel with Military Occupational Specialty (MOS) 6467, CASS Technician, IMA (E-1 through E-5), operate CASS and perform all the required maintenance including on-line calibration and advanced maintenance. The Marine Corps has established two new CASS MOSs and plan to transition MOS 6463, Radar Technician, to Radar (High Power) Operator 6473, and MOS 6466 FLIR/EOTS Technician, to EO Operator 6472.

CASS stations are operated during two 12-hour shifts, seven days per week at all sites. In November 2003, USMC CASS Electronic Warfare (EW) Operator/Maintainer will be available for MOS 6484 personnel.

2. Maintenance Concept. The design requirements for CASS include Built-In Test (BIT), Built-In Test Equipment, and Self Maintenance Test (SMAT). CASS detects system malfunctions on-line and automatically fault isolates to the failed SRA. Applicable CASS work center personnel remove and replace the defective assembly. Removed components are replaced or repaired and then calibrated, as required, at the designated level of repair. All maintenance requirements for CASS are at the intermediate and depot levels. The maintenance concept for CASS is based on the Naval Aviation Maintenance Program, Office of the Chief of Naval Operations Instruction (OPNAVINST) 4790.2 (series), and each system's Maintenance Plan.

a. Organizational. NA

b. Intermediate. CASS is operated, maintained, and calibrated at the various work centers where CASS is installed. Off-line maintenance consists of fault isolation to the component level using Support of Support (SOS) OTPSs and the subsequent removal and replacement of defective components. If an embedded standard is removed and replaced as the result of maintenance actions, the CASS station must be recalibrated using the Calibration OTPS. Embedded standards are used to calibrate the system as required by the appropriate maintenance instruction manual.

Two NECs have been established to designate the trained CASS Operator-Maintainers and Advanced Maintenance-Calibration Technicians. AT personnel with NEC 6704 (E-3 through E-6), CASS Test Station IMA Operator-Maintainer, operate HYB, CNI, and RF CASS stations, perform SMAT, and repair UUTs. AT personnel with NEC 6705 (E-5 through E-7), CASS Test Station IMA Advanced Maintenance-Calibration Technician, perform on-line calibration and advanced maintenance of CASS. Two new NECs were recently approved to designate specially trained CASS Operator-Maintainers for the EO+ and HPDTS configurations. Due to the complexity and safety concerns of the two configurations involved, these two additional NECs will allow for specialization as an EO+/FLIR CASS Operator-Maintainer, NEC 6724, or a HPDTS CASS Operator-Maintainer, NEC 6723.

Currently, Marine Corps personnel with the MOS 6467, CASS Technician, IMA (E-1 through E-5), operate CASS, perform all the required maintenance including on-line calibration and advanced maintenance, and repair UUTs. With the same rationale stated above, the Marine Corps has established two new MOSs for the HPDTS and EO+ configurations: Radar (High Power) Operator MOS 6473 and EO Operator MOS 6472.

(1) Preventive Maintenance. Preventive Maintenance (PM) consists of daily confidence tests and scheduled maintenance tasks including disk software maintenance at prescribed calendar or operating time intervals. PM is performed by Navy Operator-Maintainers and Marine Corps CASS Technicians. CASS has an annual system calibration requirement, which is performed by Navy Advanced Maintenance-Calibration Technicians and Marine Corps CASS Technicians.

(2) Corrective Maintenance. Corrective Maintenance (CM) actions on CASS station modules and ancillary equipment consist of repair or replacement of defective or unserviceable modules or SRAs. If the embedded standard is removed and replaced as the result of an unscheduled maintenance action, the system must be recalibrated before use.

(3) System Testing. CASS has four levels of testing that monitor operation and, in the event of a failure, notify the operator of the failure and the cause. Levels One and Two are Power-Up BIT and the SMAT Confidence Test. Both are automatically executed when the CASS station is powered up. Level Three is SMAT (background SMAT is automatically initiated; foreground SMAT is operator initiated). SMAT will check for most component failures within the test set, but cannot check electrical paths associated with interface points in the CASS station. SMAT runs automatically at power-up and when the CASS station is idle. No operator intervention is required.

Level Four is SMAT Input-Output (IO) testing, which checks electrical interface points and associated components. SMAT IO must be initiated by the operator and requires an OTPS. In the event of a failure in the CASS station, repair is accomplished by removal and replacement of the failed component. Some cables may be repaired on the equipment. Maintenance actions are accomplished using common and peculiar test equipment and hand tools. Peculiar items have been kept to a minimum.

c. Depot. Depot level maintenance actions consist of the PM and CM functions described above and repair and disposition tasks on SRAs and components considered beyond the capability of the intermediate level of maintenance. SOS OTPS 1 is used only at the depot level in repair of the RF Modulator. The Fleet Support Team lead for CASS is NAVAVNDEPOT North Island, California. NAVAIR (NAWCAD) Lakehurst, New Jersey, and NAVAVNDEPOT Jacksonville, Florida, are the Participating Field Activities for software support and electro-optic support, respectively.

d. Interim Maintenance. The contractor provided interim support under the CASS Repair-of-Repairables program until Navy organic support was established for each configuration. The NSD for Block 1 HYB, CNI, and RF stations was achieved in February 1997. The NSD for Block 2 HYB, CNI, and RF stations was achieved in September 2000, the EO+ in July 2000.

The Naval Aviation Technical Data and Engineering Service Command (NATEC) will arrange for Fleet Support Team (FST) personnel or CASS Rapid Response Action Team personnel to assist fleet activities when repair, guidance, and training are required for CASS hardware or TPSs.

e. Life Cycle Maintenance Plan. NA

3. Manning Concept. CASS manpower is driven by the requirement for Operator-Maintainers, Advanced Maintenance-Calibration Technicians, and the preventive and corrective maintenance requirements. Manpower requirements are predicated by the number of CASS stations employed at a particular site. This number is determined by the System Synthesis Model, which is a two-part system that projects the expected workload and the CASS

configurations and quantities that will be required at each site. The results of these projections are contained in the CIP and are the basis for the manpower requirements displayed in this NTSP. Ultimately, manpower requirements will be determined by the actual workload at a particular site. Refer to element II.A.1.b for current and projected manpower requirements by activity.

a. Navy Personnel. Navy manpower was obtained from the Total Force Manpower Management System (TFFMS).

Two NECs were originally established to designate the trained CASS Operator-Maintainers and Advanced Maintenance-Calibration Technicians from the AT rating. Two new NECs were recently approved as specialized CASS Operator-Maintainers. These new NECs will be supported with the new training concept depicted in paragraph I.H.4. below. All CASS-specific NECs are:

- NEC 6704..... CASS Test Station IMA Operator/Maintainer, for the HYB, CNI, and RF configurations
- NEC 6705..... CASS Test Station IMA Calibration/Advanced Maintenance Technician, to perform on-line calibration and advanced maintenance of CASS
- NEC 6723..... CASS High Power Radar Systems Technician, for the HPDTS configuration
- NEC 6724..... CASS Forward Looking Infrared (FLIR) Systems Technician, for the EO+ configuration

(1) Aircraft Intermediate Maintenance Departments Ashore.

Manpower requirements are not the same for all AIMDs ashore. Each AIMD is manned based on the number and type of CASS stations that are to be operated and maintained. Some AIMDs are augmented with Sea Operational Detachment (SEAOPDET) personnel who are not currently deployed.

(2) Aircraft Intermediate Maintenance Departments Afloat. Some CASS Operator-Maintainers are assigned to the carrier as ship's company and the remainder are available from supporting SEAOPDETs during deployment periods. CASS Advanced Maintenance-Calibration Technicians, NEC 6705, are assigned as ship's company personnel.

(3) Sea Operational Detachments. CASS Operator-Maintainer billets, NECs 6704, 6723, and 6724, are assigned to the SEAOPDETs that support a particular aircraft requiring CASS support. SEAOPDET billets primarily support carrier deployments but also support their host AIMD when not deployed.

(4) Amphibious Assault Ships. CASS Advanced Maintenance-Calibration Technicians, NEC 6705, are assigned as ship's company personnel since CASS is "hard-sited" aboard General Purpose (LHA) and Multi-Purpose (LHD) class amphibious assault ships as of FY00. In the future, it is planned for CASS to provide maintenance support of some shipboard systems and may require CASS Operator-Maintainer billets. For the near term,

Marine Corps CASS Technicians will be assigned to AV-8B squadrons deploying aboard these ships.

(5) Other Surface and Subsurface Vessels. Manpower requirements for other types of ships and submarines will be determined as workload requirements are identified and CASS station delivery schedules become available from NAVSEA and SPAWAR. Future CASS applications will include NAVSEA and SPAWAR weapon systems such as battle group JTIDS and the SQQ-89 AEGIS ASW Combat System.

b. Marine Corps Personnel. USMC manpower was obtained from Tables of Organization (T/O) provided by the Total Force Structure (TFS) for the USMC.

One MOS was originally established to designate the trained CASS Operator-Maintainer-Calibration Technicians. Now two new MOSs have been established as specialized CASS Operator-Maintainer-Calibration Technicians. These new MOSs are supported in the new training concept depicted in paragraph I.H.4. below. CASS-specific MOSs are:

- MOS 6463 USMC CASS High Power Configuration Operator/Maintainer/Technician transitioning to MOS 6473
- MOS 6466 USMC CASS EO+ Configuration Operator/Maintainer/Technician transitioning to MOS 6472
- MOS 6467 CASS Technician, IMA, for the HYB, CNI, and RF configurations
- MOS 6472 EO Operator, IMA, for the EO+ configuration, transitioning from MOS 6466 FLIR/EOTS Technician
- MOS 6473 Radar (High Power) Operator, IMA, for the HPDTS configuration, transitioning from MOS 6463, Radar Technician
- MOS 6484 USMC CASS Electronic Warfare (EW) Operator/Maintainer

Marine Corps personnel with MOS 6469, Advanced ATE Technician, IMA, provide supervision and assistance to personnel with MOS 6467, 6473, and 6472. However, MOS 6469 is not dedicated to CASS alone, therefore, MOS 6469 is not included in Part II of this NTSP.

(1) Marine Aviation Logistics Squadrons. The T/Os that depict Marine Corps billet requirements provide billet structures for two types of MALS, supporting either fixed-wing or rotary-wing aircraft. Each MALS (by type) has the same billet structure for core personnel and is augmented by squadron personnel. The total manpower requirement for the individual MALS is determined by the number of squadrons requiring support and the number of CASS stations on site.

(2) Amphibious Assault Ships. Marine Corps billets will be assigned to AV-8B squadrons (MALS augment) to support CASS stations during squadron deployments aboard LHAs and LHDs.

c. Naval Air Maintenance Training Group Personnel. The CASS training sites at Maintenance Training Unit (MTU) 3010 Naval Air Maintenance Training Unit (NAMTRAU) Oceana, Virginia, and MTU 3011 NAMTRAU North Island Detachment (DET) Miramar, California, currently have Navy and Marine Corps billets assigned as CASS instructors. Support personnel requirements for maintenance of the CASS stations used for training are included in element II.A.3 of this NTSP. MTU 1083 NAMTRAU Whidbey Island will be on line in FY04 to provide CASS EW Operator/Maintainer training for both U.S. Navy and USMC personnel.

4. Training Concept. CASS training has been established to ensure that qualified personnel are available to operate, maintain, calibrate, and troubleshoot CASS in support of fleet activities. CASS follow-on courses were Ready For Training (RFT) at MTU 3010 NAMTRAU Oceana in January 1994, and at MTU 3011 NAMTRAU North Island DET Miramar in January 1995. CASS EW Operator/Maintainer and USMC CASS EW Operator/Maintainer courses will be RFT at MTU 1083 NAMTRAU Whidbey Island in November 2003.

Since CASS training became RFT, the MTUs have endeavored to keep pace with the program changes and fleet requirements. The CASS training concept of three training tracks that include either an Operator-Maintainer course, an Advanced Maintenance-Calibration Technician course, or both, was revised. These changes were the result of the Maintenance Training Requirements Reviews held in June 1997 and December 1998 that recommended several changes to improve CASS training. New courses and training tracks were developed to support specialized training for the EO+ and HPDTS configurations and their new NECs and proposed MOSs. Additionally, there will be an RTCASS training track that will come on line in FY05. Information on RTCASS will be included in updates to this NTSP. Initial RTCASS course development will be centered on V-22 WRAs and SRAs, as the V-22 program office has committed to providing training WRAs and SRAs. Future WRA/SRA requirements will be determined when the TPS development schedule is finalized.

Although intermediate level "C" Schools are not normally separated into *Initial* and *Career* courses, the CASS training concept is very similar to that of an aircraft platform's. CASS Operator-Maintainer courses provide *Initial*-type entry-level skills and knowledge for students in paygrades E-4 and below. The CASS Advanced Maintenance-Calibration Technician course provides *Career*-type training to personnel, E-5 and above, with two years of CASS Operator-Maintainer experience. This training for senior, career-minded CASS personnel enhances their skills with advanced technical knowledge on the CASS system.

The Marine Corps does not employ the *Initial* and *Career* training concept since it does not meet their training objectives. Therefore, Marine Corps students attend both Operator-Maintainer and Advanced Maintenance-Calibration Technician courses consecutively and their training track has been established to provide all CASS training to E-1 and above personnel. New training tracks for the EO+ and HPDTS will follow this concept with an Operator-Maintainer course and the Advanced Maintenance-Calibration Technician course on each track.

a. Initial Training. CASS initial training was provided to NAMTRAU instructors, DT and OT personnel, NATEC personnel, NAVAVNDEPOTs North Island, Jacksonville, and Norfolk personnel, as well as fleet personnel. Initial training was conducted

first by GE and later by Martin-Marietta at the Daytona Beach, Florida, facilities. It consisted of a three-week Operator and a seven-week Technician Course. GE and Martin-Marietta conducted six courses from February 1990 through March 1992 for DT and OT personnel. Additional courses were conducted from June 1991 through November 1993.

Initial training for the CASS EO+ was conducted for CASS class desk personnel, who in turn provided EO+ training in April 1998 to OT personnel from TIF Jacksonville and the USS Abraham Lincoln. Initial training for cadre personnel for the HPDTS configuration was conducted by Systems Electronics, Inc., and completed in June 2000. Cadre personnel included NAMTRAU instructors, NATEC personnel, and FST personnel. As new CASS configurations are developed, additional initial training may be required.

b. Follow-on Training

(1) Operation and Maintenance. CASS follow-on training is currently evolving to keep pace with the changes in the CASS program including ECPs, new configurations, and input from the fleet with nine years of CASS experience. Existing courses and tracks have been modified to include several changes. New courses and training tracks have been developed to support the EO+ and HPDTS configurations and their new NECs and MOSSs. (Navy and Marine Corps personnel who have already attended CASS Operator-Maintainer and Advanced Maintenance-Calibration Technician courses will receive additional training from NATEC teams as needed.)

First, *C-198-3044, AN/USM-636A(V) CASS Operator/Maintainer Intermediate Maintenance*, has been divided into two courses. The first course is now *C-198-3044, CASS Common Core*, and pertains mainly to the operation and maintenance of the HYB, RF, and CNI configurations. The *C-198-3069, CASS Operator/Maintainer* course focuses on WRA/OTPS operation and maintenance. These courses have been updated with ECP differences data and some subjects have been moved to *C-198-3043, Advanced Maintenance-Calibration Technician* course. These courses will remain in the same track and are currently RFT.

Second, two new courses have been written for specialized CASS training. One course, *C-198-3070, AN/USM-636A(V) EO+/FLIR Intermediate Maintenance Course*, provides training on the EO+ configuration and FLIR systems. This course became RFT in September 2001. The other course, *C-198-3071, AN/USM-636A(V) High Powered Device Test Subsystem Operator and Maintenance*, provides training on the HPDTS and specific radar equipment. This course was RFT in first quarter FY02. All students will attend the *C-198-3044, CASS Common Core*, course, then attend one of the three specific CASS Operator-Maintainer courses, either *C-198-3069, C-198-3070, or C-198-3071*. *C-602-3770, Laser Safety Fundamentals* course was also added to the training track.

Third, revisions to *C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance* course included increasing the course length by two weeks and adding advanced Abbreviated Test Language for All Systems (ATLAS) lessons, Pneumatic Function Generator lessons, instructions on SOS lab time, advanced troubleshooting techniques, and ECP configurations changes.

The Marine Corps training track was modified to include *C-198-3044, Common Core course, C-198-3069, CASS Common Operator-Maintainer course, and C-198-3043, Advanced Maintenance-Calibration Technician course*. Two new training tracks were established for the new EO+ and HPDTS courses, *C-198-3070* and *C-198-3071*, respectively, to support the proposed MOSSs and included calibration and advanced maintenance training. The EO+ and HPDTS training tracks were RFT in September 2001 and first quarter FY02 respectively.

In addition to these revisions and new courses, the Naval Air Maintenance Training Marine Unit (NAMTRA MARU) at Marine Corps Air Station (MCAS) New River, North Carolina, will be developing a course for V-22 support on the RTCASS. This course will be added to the Marine Corps training tracks when it becomes RFT. (Due to the early stage of this configuration and delays in the V-22 Program, no date is currently available but will be included in updates to this NTSP.)

Also *C-198-3074, CASS EW with HPDTS Operator/Maintainer* is being developed to address fleet concerns of the effect of losing formal Electronic Warfare Systems training when the Transmitter Test Station and Exciter Test Station benches are offloaded to CASS. The course is currently under development by NAMTRAU Whidbey Island and is scheduled to be RFT by November 2003.

Title	Consolidated Automated Support System (CASS) Advanced Maintenance/Calibration Technician
CIN	D/E-198-6101
Model Manager....	NAMTRAU Oceana
Description.....	The course provides training to the second tour Aviation Electronics Technician, including: <ul style="list-style-type: none">° Pneumatic Function Generator Maintenance° ATLAS Programming Language° CASS Debug° CASS Direct Instrument Control Software (DICONS)° CASS Advanced Maintenance and Asset Calibration° GPI Tools/Maintenance° CASS Support of Support
Upon completion, the student will be able to perform as an AN/USM-636A(V) CASS Advanced Maintenance / Calibration Technician in a shop environment under limited supervision.	
Locations	° MTU 3010 NAMTRAU Oceana ° MTU 3011 NAMTRAU North Island DET Miramar
Length.....	30 days

RFT date Currently available
Skill identifier AT 6705 (E-5 and E6)
TTE/TD..... AN/USM-636(V) CASS HYB, CNI, RF, HPDTS, and EO+ Stations
Prerequisites.....

- ° D/E-198-6102, CASS Common Configurations Operator/Maintainer Intermediate Maintenance or
- ° D/E-198-6104, CASS HPDTS/Radar Operator/Maintainer Intermediate Maintenance or
- ° D/E-198-6105, CASS EO+/FLIR Operator/Maintainer Intermediate Maintenance
- ° E-5 and above
- ° Two years of 6704, 6723, or 6724 experience

Title **Consolidated Automated Support System (CASS) Common Configurations Operator/Maintainer Intermediate Maintenance**

CIN D/E-198-6102

Model Manager.... NAMTRAU Oceana

Description..... The course provides training to the first tour Aviation Electronics Technician, including:

- ° Introduction to the AN/USM-636A(V) CASS System
- ° Automated Technical Information (ATI)
- ° Intro to ATLAS
- ° CASS Station Operation
- ° CASS Power Subsystem
- ° CASS Station Control Subsystem
- ° CASS Stimulus and Measurement Subsystem
- ° RF and CNI Station Operation and Maintenance
- ° CASS Support of Support
- ° OTPS Familiarization and Publications
- ° UUT and TPS Operation and Maintenance

Upon completion, the student will be able to perform as an AN/USM-636A(V) CASS Operator / Maintainer in a shop environment under direct supervision.

Locations

- ° MTU 3010 NAMTRAU Oceana
- ° MTU 3011 NAMTRAU North Island DET Miramar

Length..... 65 days

RFT date Currently available
Skill identifier AT 6704 (E-3 through E-6)
TTE/TD..... AN/USM-636(V) CASS HYB, RF, and CNI Stations
Prerequisite C-100-2017 Avionics Technician I Level Class A1 or equivalent fleet experience

Title **USMC Consolidated Automated Support System (CASS) Test Station Operator/Maintainer/Technician**

CIN D/E-198-6103

Model Manager.... NAMTRAU Oceana

Description..... The course provides training to the first tour Aviation Electronics Technician, including:

- ° Introduction to the AN/USM-636A(V) CASS System
- ° ATI
- ° Intro to ATLAS
- ° CASS Station Operation
- ° CASS Power Subsystem
- ° CASS Station Control Subsystem
- ° CASS Stimulus and Measurement Subsystem
- ° RF and CNI Station Operation and Maintenance
- ° CASS Support of Support
- ° OTPS Familiarization and Publications
- ° UUT and TPS Operation and Maintenance
- ° Pneumatic Function Generator Maintenance
- ° ATLAS Programming Language
- ° CASS Debug
- ° CASS DICONS
- ° CASS Advanced Maintenance and Asset Calibration
- ° GPI Tools/Maintenance

Upon completion, the student will be able to perform as an AN/USM-636A(V) CASS Operator / Maintainer / Technician in a shop environment under direct supervision.

Locations °MTU 3010 NAMTRAU Oceana
°MTU 3011 NAMTRAU North Island DET Miramar

Length..... 93 days

RFT date Currently available

Skill identifier MOS 6467 (E3- through E-6)

TTE/TD..... AN/USM-636(V) CASS HYB, CNI, and RF Stations
Prerequisite C-100-2017 Avionics Technician I Level Class A1 or equivalent fleet experience

Title **CASS High Power Configuration Operator/Maintainer**

CIN D/E-198-6104

Model Manager.... NAMTRAU Oceana

Description..... The course provides training to the first tour Aviation Electronics Technician, including:

- Introduction to the AN/USM-636A(V) CASS System
- ATI
- Intro to ATLAS
- CASS Station Operation
- CASS Power Subsystem
- CASS Station Control Subsystem
- CASS Stimulus and Measurement Subsystem
- RF and CNI Station Operation and Maintenance
- CASS Support of Support
- Radar Fundamentals
- HPDTS Station Operation and Maintenance
- OTPS Functional Theory Overview

Upon completion, the student will be able to perform as an AN/USM-636A(V) CASS Operator / Maintainer in a shop environment under direct supervision.

Locations

- MTU 3010 NAMTRAU Oceana
- MTU 3011 NAMTRAU North Island DET Miramar

Length..... 79 days

RFT date Currently available

Skill identifier AT 6723 (E-3 through E-6)

TTE/TD..... AN/USM-636(V) CASS HYB, RF, CNI, and HPDTS Stations

Prerequisite C-100-2017 Avionics Technician I Level Class A1 or equivalent fleet experience

Title	CASS EO+ Configuration Operation/Maintainer
CIN	D/E-198-6105
Model Manager....	NAMTRAU Oceana
Description.....	The course provides training to the first tour Aviation Electronics Technician, including: <ul style="list-style-type: none">° Introduction to the AN/USM-636A(V) CASS System° ATI° Intro to ATLAS° CASS Station Operation° CASS Power Subsystem° CASS Station Control Subsystem° CASS Stimulus and Measurement Subsystem° CASS Support of Support° Laser Safety Fundamentals° Electro Optics Theory° EO+ Station Operation and Maintenance° EO+ OTPS
	Upon completion, the student will be able to perform as an AN/USM-636A(V) CASS Operator / Maintainer in a shop environment under direct supervision.
Locations	<ul style="list-style-type: none">° MTU 3010 NAMTRAU Oceana° MTU 3011 NAMTRAU North Island DET Miramar
Length.....	87 days
RFT date	Currently available
Skill identifier	AT 6724 (E-3 through E-6)
TTE/TD.....	AN/USM-636(V) CASS HYB, CNI, RF, and EO+ Stations
Prerequisite	C-100-2017 Avionics Technician I Level Class A1 or equivalent fleet experience

Title	USMC Consolidated Automated Support System (CASS) Electro-Optics Plus Test Station Operator/Maintainer/Technician
CIN	E-198-6108
Model Manager....	NAMTRAU North Island DET Miramar
Description.....	<p>The course provides training to the first tour Aviation Electronics Technician, including:</p> <ul style="list-style-type: none">◦ Introduction to the AN/USM-636A(V) CASS System◦ ATI◦ Intro to ATLAS◦ CASS Station Operation◦ CASS Power Subsystem◦ CASS Station Control Subsystem◦ CASS Stimulus and Measurement Subsystem◦ RF and CNI Station Operation and Maintenance◦ CASS Support of Support◦ Laser Safety Fundamentals◦ Introduction to EO+ Station◦ Electro Optics Theory◦ EO+ Station Operation/Maintenance◦ EO+ OTPS◦ Pneumatic Function Generator Maintenance◦ CASS Debug◦ CASS DICONs◦ CASS Advanced Maintenance and Asset Calibration◦ GPI Tools/Maintenance
	<p>Upon completion, the student will be able to perform as an AN/USM-636A(V) CASS Operator/Maintainer/Technician in a shop environment under direct supervision.</p>
Location	MTU 3011 NAMTRAU North Island DET Miramar
Length.....	114 days
RFT date	Currently available
Skill identifier	MOS 6466 (E-3 through E-6)
TTE/TD.....	AN/USM-636(V) CASS HYB, RF, CNI, and EO+ Stations
Prerequisite	C-100-2017 Avionics Technician I Level Class A1 or equivalent fleet experience

Title	USMC Consolidated Automated Support System (CASS) High Power Device Test Station Operator/Maintainer/Technician
CIN	E-198-6109
Model Manager....	NAMTRAU North Island DET Miramar
Description.....	<p>The course provides training to the first tour Aviation Electronics Technician, including:</p> <ul style="list-style-type: none">◦ Introduction to the AN/USM-636A(V) CASS System◦ ATI◦ Intro to ATLAS◦ CASS Station Operation◦ CASS Power Subsystem◦ CASS Station Control Subsystem◦ CASS Stimulus and Measurement Subsystem◦ RF and CNI Station Operation/Maintenance◦ CASS Support of Support◦ RADAR Fundamentals◦ HPDTS Station Operation/Maintenance◦ HPDTS OTPS◦ Pneumatic Function Generator Maintenance◦ ATLAS Programming Language◦ CASS Debug◦ CASS DICONs◦ CASS Advanced Maintenance and Asset Calibration◦ GPI Tools/Maintenance
	<p>Upon completion, the student will be able to perform as an AN/USM-636A(V) CASS Operator / Maintainer / Technician in a shop environment under direct supervision.</p>
Locations	MTU 3011 NAMTRAU North Island DET Miramar
Length.....	107 days
RFT date	Currently available
Skill identifier	MOS 6463 (E-3 through E-6)
TTE/TD.....	AN/USM-636(V) CASS HYB, RF, CNI, and HPDTS Stations
Prerequisite	C-100-2017 Avionics Technician I Level Class A1 or equivalent fleet experience

(2) Proposed CASS Training Tracks

Title	CASS Electronic Warfare (EW) Operator/Maintainer
CIN	E-198-6106
Model Manager....	NAMTRAU Whidbey Island
Description.....	The course provides training to the first tour Aviation Electronics Technician, including: <ul style="list-style-type: none">◦ Introduction to the AN/USM-636A(V) CASS System◦ ATI◦ Intro to ATLAS◦ CASS Station Operation◦ CASS Power Subsystem◦ CASS Station Control Subsystem◦ CASS Stimulus and Measurement Subsystem◦ RF and CNI Station Operation and Maintenance◦ CASS Support of Support◦ Radar Fundamentals◦ HPDTS Station Operation and Maintenance◦ OTPS Functional Theory Overview Upon completion, the student will be able to perform as an AN/USM-636A(V) CASS Operator / Maintainer in a shop environment under direct supervision.
Location	MTU 1083 NAMTRAU Whidbey Island
Length	93 days
RFT date	November 2003
Skill identifier	AT 67XX (E-3 through E-6)
TTE/TD.....	AN/USM-636(V) CASS HYB, RF, CNI, and HPDTS Stations
Prerequisite	C-100-2017 Avionics Technician I Level Class A1 or equivalent fleet experience

Note 1: Training course *C-198-3074, CASS Electronic Warfare With HPDTS Operator/Maintainer* as part of Training Track *E-198-6106, CASS Electronics Warfare (EW) Operator/Maintainer*, will be going through course trials beginning in March 2003; course approval is anticipated for November 2003.

Note 2: It is also anticipated that the NEC for this training track will be approved by November 2003.

Title	USMC CASS Electronic Warfare (EW) Operator/Maintainer
CIN	E-198-6107
Model Manager....	NAMTRAU Whidbey Island
Description.....	The course provides training to the first tour Aviation Electronics Technician, including: <ul style="list-style-type: none">◦ Introduction to the AN/USM-636A(V) CASS System◦ ATI◦ Intro to ATLAS◦ CASS Station Operation◦ CASS Power Subsystem◦ CASS Station Control Subsystem◦ CASS Stimulus and Measurement Subsystem◦ CASS Support of Support◦ LASER Safety Fundamentals◦ Electro Optics Theory◦ EO+ Station Operation and Maintenance◦ EO+ OTPS
	Upon completion, the student will be able to perform as an AN/USM-636A(V) CASS Operator/Maintainer in a shop environment under direct supervision.
Locations	MTU 1083 NAMTRAU Whidbey Island
Length.....	121 days
RFT date	November 2003
Skill identifier	MOS 6484 (E-3 through E-6)
TTE/TD.....	AN/USM-636(V) CASS HYB, CNI, RF, and EO+ Stations
Prerequisite	C-100-2017 Avionics Technician I Level Class A1 or equivalent fleet experience

Note: Training course *C-198-3074, CASS Electronic Warfare With HPDTS Operator/Maintainer*, as part of Training Track *E-198-6107, USMC CASS Electronic Warfare (EW) Operator/Maintainer*, will be going through course trials beginning in March 2003; course approval is anticipated for November 2003.

(2) Industrial Personnel. The NAVAVNDEPOTs, NWSs, and NATEC are required to maintain a trained manpower pool to support CASS. The follow-on training of industrial personnel is accomplished using organic CASS assets or a combination of organic, commercial, and NAMTRAU training. Industrial personnel compete for NAMTRAU quotas on

a priority basis. Specific training requirements are determined by the individual industrial activities.

(3) Selected Reserve Training. Due to the training time required to attain NECs 6704, 6723, 6724, and 6705, CASS NECs are not awardable to Selected Reserve personnel except on an individual basis.

c. Student Profiles

SKILL IDENTIFIER	PREREQUISITE SKILL AND KNOWLEDGE REQUIREMENTS
AT 6704, 6723, 6724	<ul style="list-style-type: none">◦ C-100-2020, Avionics Common Core Class A1◦ C-100-2017, Avionics Technician I Level Class A1
AT 6705	<ul style="list-style-type: none">◦ C-100-2020, Avionics Common Core Class A1◦ C-100-2017, Avionics Technician I Level Class A1◦ C-198-3044 CASS Common Core◦ C-198-3069, CASS Common Operator/Maintainer Intermediate Maintenance or<ul style="list-style-type: none">◦ C-198-3071, CASS HPDTS/Radar Subsystem Operator/Maintainer Intermediate Maintenance or<ul style="list-style-type: none">◦ C-198-3070, CASS EO+/FLIR Subsystem Operator/Maintainer Intermediate Maintenance
MOS 6463, 6466, 6467, 6472, 6473, 6484	<ul style="list-style-type: none">◦ C-100-2020, Avionics Common Core Class A1◦ C-100-2017, Avionics Technician I Level Class A1

d. Training Pipelines. Existing CASS training tracks, available in the Office of the Chief of Naval Operations (OPNAV) Aviation Training Management System, will be revised to reflect the changes discussed above. New training tracks will be established for the new NECs and proposed MOSSs and their new training courses currently in development. A graphic illustration of the revised and new training pipelines is depicted below.

NAVY CASS TRAINING PROGRESSION

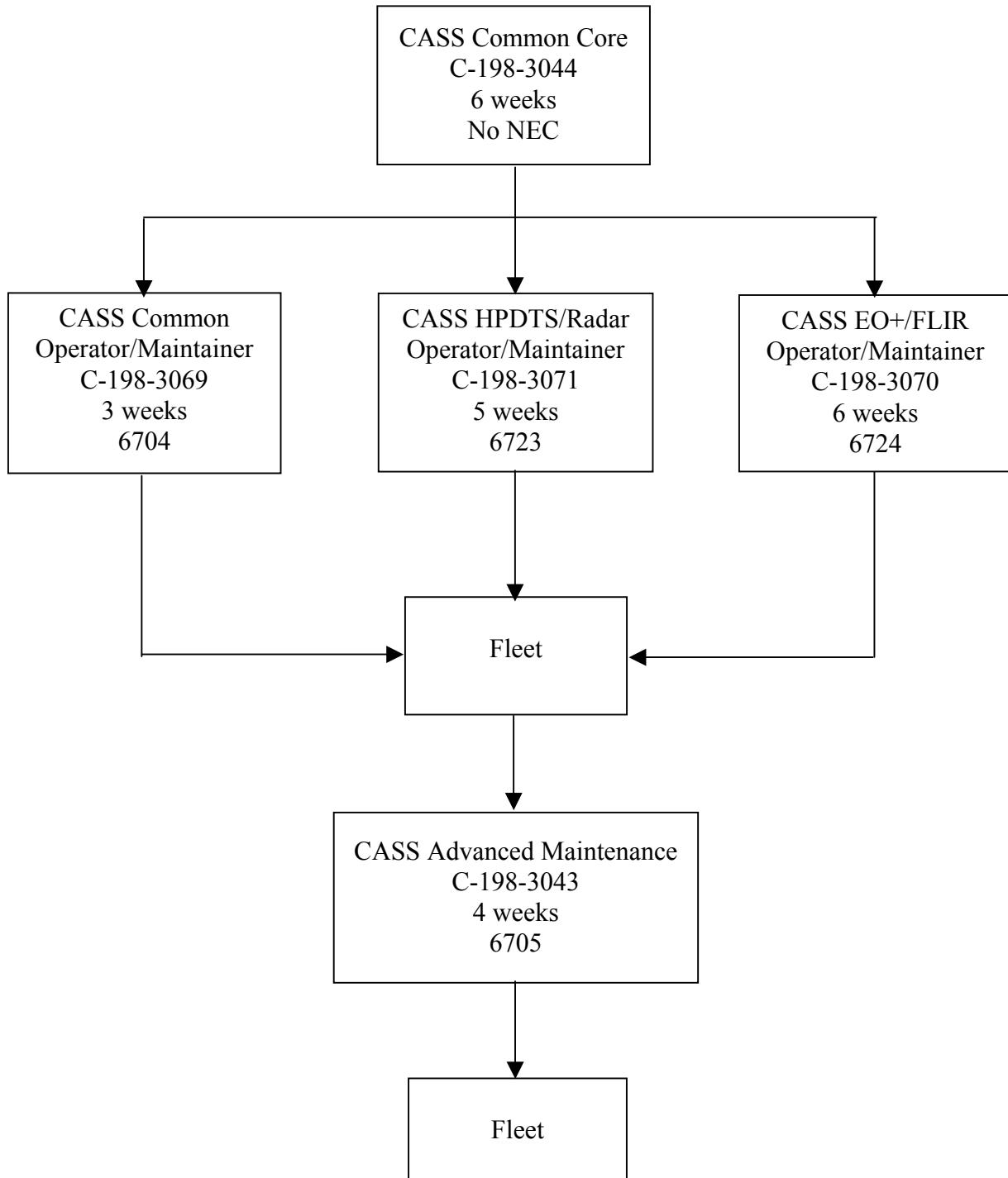


Figure I-1

MARINE CORPS CASS TRAINING PROGRESSION

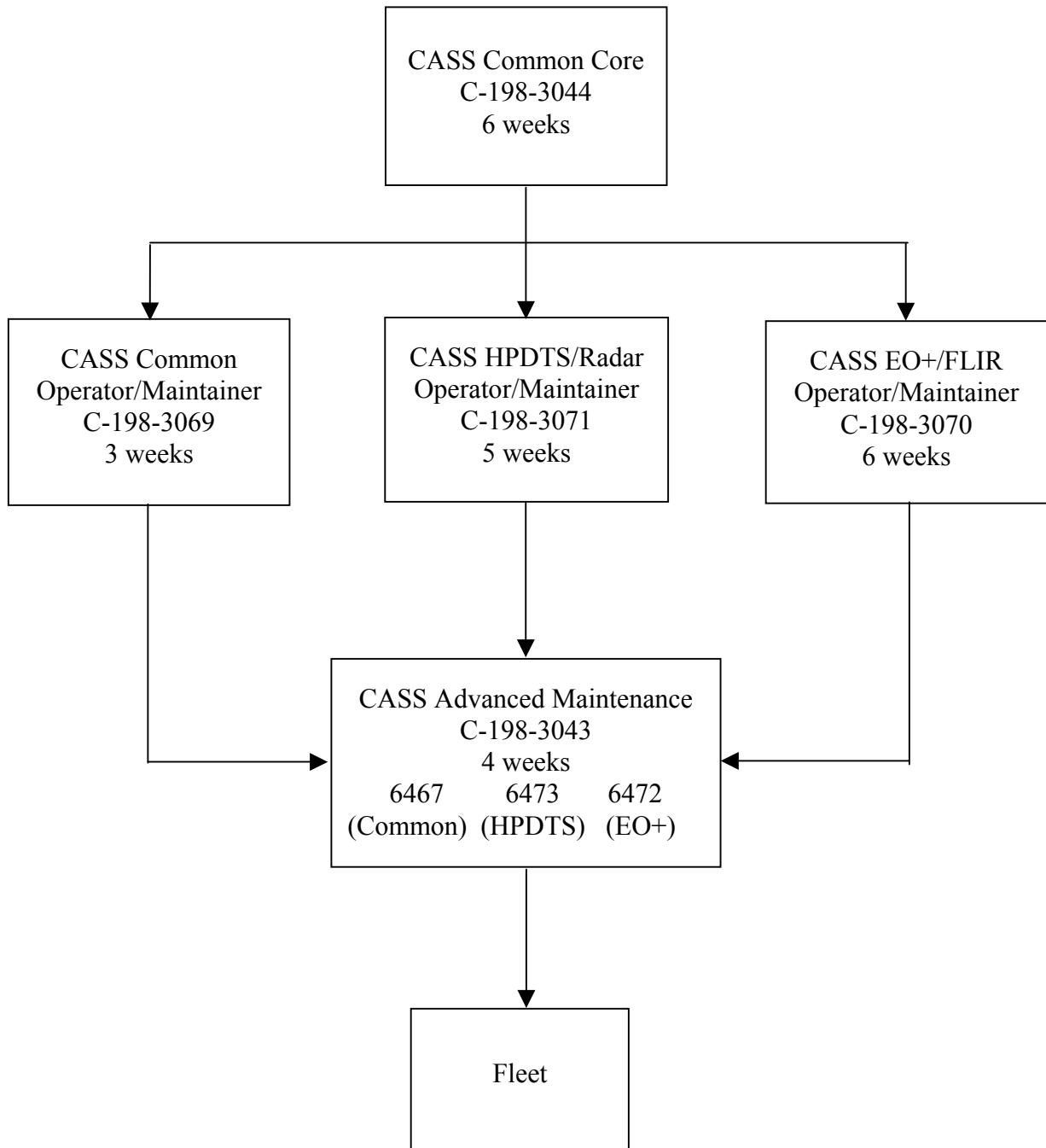


Figure I-2

I. ONBOARD (IN-SERVICE) TRAINING

1. Proficiency or Other Training Organic to the New Development

a. Maintenance Training Improvement Program. NA

b. Aviation Maintenance Training Continuum System. The Aviation Maintenance

Training Continuum System (AMTCS) will provide career path training to the Sailor or Marine from their initial service entry to the end of their military career. AMTCS is planned to be an integrated system that will satisfy the training and administrative requirements of both the individual and the organization. The benefits will be manifested in the increased effectiveness of the technicians and the increased efficiencies of the management of the training business process. By capitalizing on technological advances and integrating systems and processes where appropriate, the right amount of training can be provided at the right time, thus meeting the Chief of Naval Operations (CNO) mandated “just-in-time” training approach.

Technology investments enable the development of several state-of-the-art training and administrative tools: Computer-Based Training for the technicians in the fleet in the form of Interactive Courseware with Computer Managed Instruction and Computer Aided Instruction for the schoolhouse.

Included in the AMTCS development effort is the AMTCS - Software Module which provides testing (Test and Evaluation), recording (Electronic Training Jacket), and a feedback system. The core functionality of these AMTCS tools are based and designed around the actual maintenance-related tasks the technicians perform, and the tasks are stored and maintained in a Master Task List data bank. These tools are procured and fielded with appropriate COTS hardware and software, Fleet Training Devices (laptop computers, desktop computers, electronic classrooms, Learning Resource Centers, operating software, and network software and hardware).

Upon receipt of direction from OPNAV (N789H), AMTCS is to be implemented and the new tools integrated into the daily training environment of all participating aviation activities and supporting elements. AMTCS will serve as the standard training system for aviation maintenance training within the Navy and Marine Corps, and is planned to supersede the existing Maintenance Training Improvement Program and Maintenance Training Management and Evaluation Program (MATMEP) programs. AMTCS implementation will begin with the F-14, E-2C, and all models of the F/A-18 aircraft. For more information on AMTCS refer to PMA205.

A database of CASS logistics support analyses will be used, in conjunction with course information, to develop a proficiency training program, to be employed at the local level. This training program will conform to the AMTCS program. Currently, NAVAIR PMA205 is in the process of identifying intermediate level candidates for AMTCS development.

c. Naval Air Technical Data And Engineering Service Command. To fill the skill and knowledge gaps caused by the changes in the CASS program, NATEC has been tasked to provide on-site CASS training using NAMTRAU curricula information for their lessons. NATEC training will be provided on an as required basis.

2. Personnel Qualification Standards. NA

3. Other Onboard or In-Service Training Packages. Marine Corps onboard training is based on the current series of Marine Corps Order (MCO) P4790.12, Individual Training Standards System and MATMEP. This program is designed to meet Marine Corps, as well as Navy OPNAVINST 4790.2 series maintenance training requirements. It is a performance-based, standardized, level-progressive, documentable, training management and evaluation program. It identifies and prioritizes task inventories by MOS through a front-end analysis process that identifies task, skill, and knowledge requirements for each MOS. (MATMEP is planned to be replaced by AMTCS.)

J. LOGISTICS SUPPORT

1. Manufacturer and Contract Numbers

CONTRACT NUMBER	MANUFACTURER	ADDRESS
N00019-85-C-0439	Lockheed Martin Information Services *	12506 Lake Underhill Road Orlando, FL 32825-5002

- * The Automated Systems Department of GE developed CASS and conducted much of the initial training along with Lockheed Martin-Marietta.

2. Program Documentation. The CASS Integrated Logistics Support Plan was first published in May 1992 and has subsequently been updated. This document is now the Acquisition Logistic Support Plan (ALSP), numbered NAWCADLKE- I75094007 Revision B, and was last updated 24 March 1998.

Other program documents include the Operational Requirement Document, Logistics Support Analysis (LSA), User Logistic Support Summaries (ULSS), Logistic Requirements and Funding Summaries, and Maintenance Plans.

3. Technical Data Plan. CASS contains digitally formatted technical manuals, known as ATI, and provides the ability to print a paper copy of the technical information. Updates of CASS ATI are provided for upload to the system as needed to maintain technical manual accuracy. Manuals for TPSs may or may not be in ATI format. Due to the high cost of producing ATI updates and the availability of current digital-format technology, CASS has started transitioning from the ATI format to an HTML/CD-ROM format. Refer to the CASS ALSP, NAWCADLKE- I75094007 Revision B, for a complete list of the technical manuals on disk available to support the CASS. Refer to element IV.B.3 for the technical manual titles required for training.

4. Test Sets, Tools, and Test Equipment. Special tools and test equipment requirements were identified as part of the CASS LSA process. All support equipment is listed

and periodically updated in the Consolidated Support Equipment List. Each activity's ULSS lists the CASS support equipment required by that activity.

5. Repair Parts. CASS spare and repair parts requirements have been determined through the LSA process and are contained in the support material list. Interim support spare and repair parts are managed under the NAVAIR Interim Supply Support Program. The Naval Inventory Control Point at Philadelphia, Pennsylvania, (Code 03321.3) has assumed responsibility as the NSDs and MSDs have been achieved. MSD is concurrent with the NSD: Lot 1 HYB, CNI, and RF in February 1997, Lot 2 HYB, CNI, and RF in September 2000, and EO+ in July 2000.

6. Human Systems Integration. NA

K. SCHEDULES

1. Installation and Delivery Schedules. Detailed information on CASS program objectives and policies, performance requirements, test results, and implementation planning including weapon system transition to CASS support is contained in the PMA260 CIP. The schedules used to develop this NTSP are from the CIP, and address the years 1992 to 2012.

Parts II and III of this NTSP are based on completed deliveries prior to FY03 and the scheduled delivery dates for the years FY03 through FY07. The CIP schedule for FY08 and beyond provides projected dates for planning purposes only and is subject to change. Refer to element II.A.1.a for the CASS delivery schedule by activity at Navy, Marine Corps, and NAVAVNDEPOT sites through FY07. Refer to the most current CIP for CASS delivery schedules by configuration, all post-FY07 deliveries, TPS delivery dates, and the delivery schedules for TIF, Product Support Development, and contractor sites.

Aboard carriers, CASS installations replaced obsolete ATE on a system-for-system basis. Aboard LHAs and LHDs, CASS was installed to support Marine Corps AV-8B aircraft deployed with the ship. At shore AIMDs and MALS, both CASS and obsolete ATE may be supported until the particular IMA no longer requires the obsolete ATE to support its normal complement of aircraft. The various training activities phased out the obsolete ATE when there was no longer a training requirement. Obsolete non-ATE was phased out in accordance with new emerging system acquisition schedules. Future deliveries of CASS will include SIMAs and other surface ships.

Two prototypes of RTCASS have been delivered with three EMD stations scheduled for delivery in December 2002, January 2003, and March 2003. Initial production (three to six stations) is scheduled for delivery from December 2003 through November 2004. Full rate production deliveries are scheduled to begin in December 2004 with a total of 145 RTCASS stations.

There are 324 currently fielded TPSs that will be converted to RTCASS. Two hundred sixty-one will be developed concurrently with initial CASS TPSS. Legacy ATE includes RSTS, ESTS, ATS, EOTS, EETS, HTS, OJ615, RADCOM, IATS, OJ510, CAT IID, and NEWTS.

Engineering analysis of EO+ and HPDTS requirements will be completed as part of the transition plan.

2. Ready For Operational Use Schedule. CASS stations are ready for operational use within ten days of delivery after system installation checkout and acceptance. Initial Operating Capability was achieved in October 1993.

3. Time Required to Install at Operational Sites. CASS installation and verification requires 10 days. Approximately six months prior to station delivery to a particular activity, a site-specific ULSS is delivered. The ULSS addresses peculiar issues, supply support, personnel and training, support and test equipment, technical publications, and facilities.

4. Foreign Military Sales and Other Source Delivery Schedule. NOAA Kansas City received CASS in January 1994 to support its electronic weather monitoring systems. FMS are planned for Malaysia, Finland, Spain, Switzerland, Kuwait, Australia, and Italy. For specific delivery schedules, refer to the CIP or contact PMA260.

5. Training Device and Technical Training Equipment Delivery Schedule

a. Consolidated Automated Support System Stations. MTU 3010 NAMTRAU Oceana and MTU 3011 NAMTRAU North Island DET Miramar have received 12 CASS stations each and the associated ancillary equipment as TTE. Deliveries for MTU 1083 NAMTRAU Whidbey Island will occur in FY03. CASS assets are listed below by training activity.

TABLE I-4 - TTE DELIVERY SCHEDULE

ACTIVITY	TYPE OF STATION	NUMBER OF STATIONS	DELIVERY DATE	STATUS
MTU 3010 NAMTRAU Oceana	HYB	1	FY92	Delivered
		1	FY94	Delivered
		1	FY95	Delivered
		3	FY96	Delivered
	CNI	1	FY94	Delivered
		1	FY96	Delivered
	RF	2	FY99	Delivered
		1	FY00	Delivered
	EO+	1	FY00	Delivered
	HPDTS	1	FY00	Delivered
MTU 1083 NAMTRAU Whidbey Island	RTCASS	1	FY04	Pending
	RF	2	FY03	Pending
		1	FY03	Pending

ACTIVITY	TYPE OF STATION	NUMBER OF STATIONS	DELIVERY DATE	STATUS
MTU 3011 NAMTRAU North Island DET Miramar	HYB	2	FY94	Delivered
		1	FY95	Delivered
		3	FY97	Delivered
	CNI	1	FY94	Delivered
		1	FY97	Delivered
	RF	2	FY99	Delivered
		1	FY01	Delivered
	EO+	1	FY01	Delivered
	HPDTS	1	FY01	Delivered
	RTCASS	1	FY03	Pending

b. Training Unit Under Test. Naval Air Maintenance Training Group

Headquarters has identified all desired UUTs for use in the schoolhouses. Training UUTs are provided by NAVAIR aircraft program offices (i.e., PMA) whose avionics systems are supported (or will be supported) by CASS.

c. Optical Reader System. To keep all the CASS stations at the training activities available for laboratory instruction, ORs were procured to allow viewing of the ATI in the classroom environment. The prototype OR was evaluated by NAMTRAU Oceana for fleet and classroom use. Currently, MTUs 3010 and 3011 have a total of forty-eight ORs for classroom use. Due to the CASS program starting to transition from the ATI format to an HTML/CD-ROM format and the impending obsolescence and supportability issues of the OR, PMA260 has begun the replacement of classroom Off-Line Reader System (OLRS) by funding the procurement of 30 desktop PCs.

L. GOVERNMENT-FURNISHED EQUIPMENT AND CONTRACTOR-FURNISHED EQUIPMENT TRAINING REQUIREMENTS. NA

M. RELATED NTSPs AND OTHER APPLICABLE DOCUMENTS

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
CASS ALSP	I75094007-ILSP-CASS	PMA260	Draft Apr 98

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
User Logistics Support Summary for CASS AN/USM-636A(V) (for each activity)	Varies for each site	NAVAIR (NAWCAD) Lakehurst	Delivered six months prior to first CASS delivery
CASS Implementation Plan		PMA260	Jun 02
Advanced Tactical Airborne Reconnaissance System (ATARS)	A-50-9101/A	PMA253	Approved Aug 91
AGM-88 HARM System	A-50-8101B/A	PMA242	Approved Sep 99
AIM-120 Advanced Medium Range Air-to-Air Missile (AMRAAM)	A-50-8111C/A	PMA268	Approved Jun 98
AN/ALE-47 Countermeasures Dispensing System	A-50-9001A/P	PMA272	Proposed Jul 02
TS-3846A/ASM-608(V) Inertial Measurement Unit Test Set (IMUTS III)	A-50-8116B/A	PMA260	Approved May 02
AN/USM-429(V)1 Computerized Automatic Tester (CAT-IIID(V)1)	A-50-8709B/A	PMA260	Approved May 99
AN/USM-467 Weapon System Test Station - RADCOT	A-50-8710A/A	PMA260	Approved Jul 93
AN/USM-484 Hybrid Test System (HTS)	A-50-8708C/A	PMA260	Approved Jun 99
T/AV-8B Harrier II Weapon System	A-50-8210E/A	PMA257	Approved Oct 01
E-2C Hawkeye	A-50-8716E/A	PMA231	Approved Jan 01
EA-6B Improved Capability (ICAP) Modification II and III	A-50-7904E/A	PMA234	Approved Mar 01
F-14A/B/D Aircraft	A-50-8511C/A	PMA241	Approved May 01

DOCUMENT OR NTSP TITLE	DOCUMENT OR NTSP NUMBER	PDA CODE	STATUS
F/A-18 Aircraft	A-50-7703H/A	PMA265	Approved Dec 01
Joint Tactical Information Distribution System (JTIDS)	E-70-8214B/A	PMW159	Approved Jul 94
LHD-1 Class Amphibious Assault Ship (Multi-Purpose)	S-30-8510D/D	PMS3771	Draft Oct 95
S-3B Aircraft	A-50-8310E/A	PMA244	Approved Feb 01
SH-60B Light Airborne Multi-Purpose System (LAMPS) MK-III	A-50-7702D/D	PMA299	Draft Nov 97
SH-60F Carrier Inner-Zone ASW Helicopter	A-50-8508E/A	PMA299	Approved Oct 00
SH-60R Multi-Mission Helicopter (MMH)	A-50-9403/I	PMA299	Initial Apr 99

PART II - BILLET AND PERSONNEL REQUIREMENTS

II.A. BILLET REQUIREMENTS

SOURCE OF SCHEDULE: PMA260

DATE: July 2002

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

ACTIVITY, UIC	PFYs	CFY03	FY04	FY05	FY06	FY07
OPERATIONAL ACTIVITIES - USN						
CV 67, USS John F. Kennedy	03367	9	6	0	0	4
CVN 65, USS Enterprise	03365	8	5	0	0	6
CVN 68, USS Nimitz	03368	17	0	0	0	3
CVN 69, USS Dwight D. Eisenhower	03369	8	1	0	6	0
CVN 71, USS Theodore Roosevelt	21247	9	4	0	2	0
CVN 73, USS George Washington	21412	10	5	0	4	0
CVN 75, USS Harry S. Truman	21853	11	1	3	0	4
LHA 2, USS Saipan	20632	3	0	0	0	0
LHA 4, USS Nassau	20725	3	0	0	0	0
LHD 1, USS Wasp	21560	3	0	0	0	0
LHD 3, USS Kearsarge	21700	3	0	0	0	0
LHD 5, USS Bataan	21879	3	0	0	0	0
LHD 7, USS Iwo Jima	23027	3	0	0	0	0
CV 63, USS Kitty Hawk	03363	11	3	5	0	0
CV 64, USS Constellation	03364	10	0	0	0	0
CVN 70, USS Carl Vinson	20993	15	0	0	4	0
CVN 72, USS Abraham Lincoln	21297	9	0	5	0	5
CVN 74, USS John C. Stennis	21847	10	5	0	4	0
CVN 76, USS Ronald Reagan	22178	0	18	1	0	0
LHA 1, USS Tarawa	20550	3	0	0	0	0
LHA 3, USS Belleau Wood	20633	3	0	0	0	0
LHA 5, USS Peleliu	20748	3	0	0	0	0
LHD 2, USS Essex	21533	3	0	0	0	0
LHD 4, USS Boxer	21808	3	0	0	0	0
LHD 6, USS Bonhomme Richard	39477	3	0	0	0	0
TOTAL:	163	48	14	20	22	8
FLEET SUPPORT ACTIVITIES - USN						
AIMD Jacksonville	44319	10	0	0	0	0
AIMD Mayport	45459	4	0	1	0	0
AIMD Norfolk	44325	0	0	2	0	0
AIMD Oceana	44327	37	2	0	1	0
AIMD Patuxent River	01234	1	0	0	0	0
AIMD Sigonella	44330	2	0	0	0	0
AIMD Washington, DC	44492	2	0	0	0	0
NADEP Cherry Point	65923	9	0	0	0	3
NADEP Jacksonville	65886	15	0	0	0	0
NAS Meridian	63043	2	0	0	0	0
NAVAIRSYSCOM, AIR 1.0	68346	1	0	0	0	0
NAVTESTWINGLANT Patuxent River	39782	1	0	0	0	0
NAWCAD Lakehurst	68335	2	0	0	0	0
NAWCAD Patuxent River	49860	11	0	0	0	0

II.A.1.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY ACTIVATION SCHEDULE

ACTIVITY, UIC	PFYs	CFY03	FY04	FY05	FY06	FY07
NSWC Crane	47611	5	0	0	0	0
AIMD Atsugi	44323	2	0	0	1	0
AIMD Barbers Point	44312	1	0	0	0	0
AIMD Fallon	44317	2	0	1	0	0
AIMD Lemoore	44321	15	1	0	6	0
AIMD North Island	44326	19	0	0	0	0
AIMD Point Mugu	44328	2	0	0	0	0
AIMD Whidbey Island	44329	11	3	0	1	1
JRB Fort Worth	44487	4	1	0	0	0
Mobile Maintenance Facility 1	00000	1	0	0	0	0
Mobile Maintenance Facility 2	00000	1	0	0	0	0
NADEP North Island	65888	18	0	0	0	0
NAS Kingsville	60241	0	1	0	0	0
NISE West San Diego	68944	2	0	0	0	0
NUWC Keyport	00253	4	0	0	0	0
TOTAL:		184	8	4	9	3
FLEET SUPPORT ACTIVITIES - USMC						
MALS-14 Cherry Point	09114	11	0	0	1	0
MALS-26 New River	09167	0	0	0	6	0
MALS-29 New River	09167	0	0	0	3	0
MALS-31 Beaufort	09131	10	0	0	4	0
MALS-42 Atlanta	55555	0	0	0	0	3
MALS-49 Willow Grove	77777	0	0	0	0	2
MCAS Quantico	00262	0	0	0	0	3
MALS-11 Miramar	09111	12	0	0	2	0
MALS-12 Iwakuni	09112	9	0	0	1	0
MALS-13 Yuma	57082	10	0	0	1	0
MALS-16 Miramar	55583	0	0	3	0	0
MALS-24 Kaneohe	22222	0	0	3	0	0
MALS-36 Futenma	33333	0	0	0	3	0
MALS-39 Camp Pendleton	44444	0	0	0	0	3
MALS-41 Fort Worth	67239	8	0	0	1	0
MALS-46 Miramar	66666	0	0	0	0	3
TOTAL:		60	0	6	22	3
						11

Note: The numbers depicted above indicate the number of CASS stations that will be delivered to those activities. Element II.A.1.b contains additional activities that require billets to support CASS but will not receive CASS stations. These additional activities are listed here: AIMD Cecil Field, AIMD Patuxent River, NADEP Cherry Point, NADEP Jacksonville, NAS Meridian, Naval Force Aircraft Test Squadron, NSWC Crane, AIMD Barbers Point, Mobile Maintenance Facility 1 and 2, NADEP North Island, NAS Kingsville, NISE West San Diego, NUWC Keyport, VMAT-203, and VMM-12.

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
OPERATIONAL ACTIVITIES - USN					
CV 67, USS John F. Kennedy, 03367					
ACDU	0	1	AT1	6705	
	0	2	AT2	6705	
	0	3	AT3	6704	
	0	1	AT3	6724	
	0	2	ATAN	6704	
CV 67, USS John F. Kennedy, 03367, FY03 Increment					
ACDU	0	2	AT1	6704	
	0	1	AT1	6705	
	0	4	AT2	6704	
CV 67, USS John F. Kennedy, 03367, FY06 Increment					
ACDU	0	4	AT2	6704	
	0	1	AT2	6705	
ACTIVITY TOTAL:		0	21		
CVN 65, USS Enterprise, 03365					
ACDU	0	2	AT1	6704	
	0	1	AT1	6705	
	0	2	AT2	6705	
	0	1	AT3	6704	
	0	2	ATAN	6704	
CVN 65, USS Enterprise, 03365, FY03 Increment					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	4	AT2	6704	
CVN 65, USS Enterprise, 03365, FY06 Increment					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	5	AT2	6704	
ACTIVITY TOTAL:		0	21		
CVN 69, USS Dwight D. Eisenhower, 03369					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	1	AT2	6705	
	0	2	AT3	6704	
	0	3	ATAN	6704	
CVN 69, USS Dwight D. Eisenhower, 03369, FY03 Increment					
ACDU	0	1	AT2	6704	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
CVN 69, USS Dwight D. Eisenhower, 03369, FY05 Increment					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	4	AT2	6704	
CVN 69, USS Dwight D. Eisenhower, 03369, FY07 Increment					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	3	AT2	6704	
ACTIVITY TOTAL:	0	20			
CVN 71, USS Theodore Roosevelt, 21247					
ACDU	0	1	AT1	6705	
	0	1	AT2	6704	
	0	1	AT2	6705	
	0	1	AT2	6705	9527
	0	2	AT3	6704	
	0	3	ATAN	6704	
CVN 71, USS Theodore Roosevelt, 21247, FY03 Increment					
ACDU	0	1	AT1	6704	
	0	3	AT2	6704	
	0	1	AT2	6705	
CVN 71, USS Theodore Roosevelt, 21247, FY05 Increment					
ACDU	0	2	AT2	6704	
CVN 71, USS Theodore Roosevelt, 21247, FY07 Increment					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	3	AT2	6704	
ACTIVITY TOTAL:	0	21			
CVN 73, USS George Washington, 21412					
ACDU	0	1	AT1	6704	
	0	2	AT1	6705	
	0	2	AT2	6704	
	0	2	AT2	6705	
	0	2	AT3	6704	
	0	1	ATAN	6704	
CVN 73, USS George Washington, 21412, FY03 Increment					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	4	AT2	6704	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
CVN 73, USS George Washington, 21412, FY05 Increment					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	3	AT2	6704	
ACTIVITY TOTAL:	0	21			
CVN 75, USS Harry S. Truman, 21853					
ACDU	0	1	AT1	6704	
	0	2	AT1	6705	
	0	1	AT2	6704	
	0	2	AT2	6705	
	0	1	AT2	6723	
	0	1	AT2	6724	
	0	2	AT3	6704	
	0	1	AT3	6723	
CVN 75, USS Harry S. Truman, 21853, FY03 Increment					
ACDU	0	1	AT2	6704	
CVN 75, USS Harry S. Truman, 21853, FY04 Increment					
ACDU	0	1	AT1	6704	
	0	2	AT2	6704	
	0	1	AT2	6705	
CVN 75, USS Harry S. Truman, 21853, FY06 Increment					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	3	AT2	6704	
ACTIVITY TOTAL:	0	21			
LHA 2, USS Saipan, 20632					
ACDU	0	1	AT1	6705	
	0	1	AT2	6705	
ACTIVITY TOTAL:	0	2			
LHA 4, USS Nassau, 20725					
ACDU	0	1	AT1	6705	
	0	1	AT2	6705	
ACTIVITY TOTAL:	0	2			
LHD 1, USS Wasp, 21560					
ACDU	0	1	AT1	6705	
	0	1	AT2	6705	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
ACTIVITY TOTAL:	0	2			
LHD 3, USS Kearsarge, 21700					
ACDU	0	1	AT1	6705	
ACDU	0	1	AT2	6705	
ACTIVITY TOTAL:	0	2			
LHD 5, USS Bataan, 21879					
ACDU	0	1	AT1	6705	
ACDU	0	1	AT2	6705	
ACTIVITY TOTAL:	0	2			
LHD 7, USS Iwo Jima, 23027, FY03 Increment					
ACDU	0	1	AT1	6705	
ACDU	0	1	AT2	6705	
ACTIVITY TOTAL:	0	2			
CV 63, USS Kitty Hawk, 03363					
ACDU	0	1	AT1	6704	
ACDU	0	2	AT1	6705	
ACDU	0	3	AT2	6704	
ACDU	0	1	AT2	6704	9527
ACDU	0	1	AT2	6705	
ACDU	0	8	AT3	6704	
ACDU	0	4	AT3	6704	9527
ACDU	0	10	ATAN	6704	
CV 63, USS Kitty Hawk, 03363, FY03 Increment					
ACDU	0	1	AT1	6704	
ACDU	0	2	AT2	6704	
ACDU	0	1	AT2	6705	
CV 63, USS Kitty Hawk, 03363, FY04 Increment					
ACDU	0	1	AT1	6704	
ACDU	0	1	AT1	6705	
ACDU	0	4	AT2	6704	
ACTIVITY TOTAL:	0	40			
CV 64, USS Constellation, 03364					
ACDU	0	1	AT1	6705	
ACDU	0	1	AT2	6705	
ACDU	0	2	AT2	6705	9527
ACDU	0	3	AT3	6704	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
ACDU	0	3	ATAN	6704	
ACTIVITY TOTAL:	0	10			
CVN 68, USS Nimitz, 03368					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	1	AT1	6724	
	0	1	AT2	6704	
	0	3	AT2	6705	
	0	2	AT3	6704	
	0	1	AT3	6723	
	0	2	ATAN	6704	
CVN 68, USS Nimitz, 03368, FY06 Increment					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	2	AT2	6704	
ACTIVITY TOTAL:	0	16			
CVN 70, USS Carl Vinson, 20993					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	3	AT2	6705	
	0	2	AT3	6704	
	0	4	ATAN	6704	
CVN 70, USS Carl Vinson, 20993, FY05 Increment					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	3	AT2	6704	
ACTIVITY TOTAL:	0	16			
CVN 72, USS Abraham Lincoln, 21297					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	1	AT2	6704	
	0	3	AT2	6705	
	0	3	AT3	6704	
	0	2	ATAN	6704	
CVN 72, USS Abraham Lincoln, 21297, FY04 Increment					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	4	AT2	6704	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
CVN 72, USS Abraham Lincoln, 21297, FY06 Increment					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	4	AT2	6704	
ACTIVITY TOTAL:	0	23			
CVN 74, USS John C. Stennis, 21847					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	3	AT2	6705	
	0	2	AT3	6704	
	0	1	AT3	6724	
	0	2	ATAN	6704	
CVN 74, USS John C. Stennis, 21847, FY03 Increment					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	4	AT2	6704	
CVN 74, USS John C. Stennis, 21847, FY05 Increment					
ACDU	0	1	AT1	6704	
	0	3	AT2	6704	
	0	1	AT2	6705	
ACTIVITY TOTAL:	0	21			
CVN 76, USS Ronald Reagan, 22178, FY06 Increment					
ACDU	0	6	AT1	6704	
	0	4	AT1	6705	
	0	2	AT2	6704	
	0	4	AT2	6705	
	0	7	AT3	6704	
	0	1	ATAN	6704	
ACTIVITY TOTAL:	0	24			
LHA 1, USS Tarawa, 20550					
ACDU	0	1	AT1	6705	
	0	1	AT2	6705	
ACTIVITY TOTAL:	0	2			
LHA 3, USS Belleau Wood, 20633					
ACDU	0	1	AT1	6705	
	0	1	AT2	6705	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
ACTIVITY TOTAL:	0	2			
LHA 5, USS Peleliu, 20748					
ACDU	0	1	AT1	6705	
	0	1	AT2	6705	
ACTIVITY TOTAL:	0	2			
LHD 2, USS Essex, 21533					
ACDU	0	1	AT1	6705	
	0	3	AT2	6705	
ACTIVITY TOTAL:	0	4			
LHD 4, USS Boxer, 21808					
ACDU	0	1	AT1	6705	
	0	1	AT2	6705	
ACTIVITY TOTAL:	0	2			
LHD 6, USS Bonhomme Richard, 39477					
ACDU	0	1	AT1	6705	
	0	1	AT2	6705	
ACTIVITY TOTAL:	0	2			
VAQ-129 NAS Whidbey Island, 30694					
USMC	0	2	SSGT	6484	
ACTIVITY TOTAL:	0	2			
OPERATIONAL ACTIVITIES - USMC					
VFA-106 NAS Oceana, 47570					
USMC	0	1	LCPL	6466	
ACTIVITY TOTAL:	0	1			
VMA Squadron (East Coast), 00000					
USMC	0	6	CPL	6467	
	0	3	LCPL	6463	
	0	6	LCPL	6467	
ACTIVITY TOTAL:	0	15			
VMAQ-1 MCAS Cherry Point, 41345					
USMC	0	6	CPL	6484	
	0	1	GYSGT	6484	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USMC	0	4	SGT	6484	
	0	2	SSGT	6484	
ACTIVITY TOTAL:	0	13			
VMAQ-2 MCAS Cherry Point, 42362					
USMC	0	6	CPL	6484	
USMC	0	1	GYSGT	6484	
USMC	0	4	SGT	6484	
USMC	0	2	SSGT	6484	
ACTIVITY TOTAL:	0	13			
VMAQ-3 MCAS Cherry Point, 42363					
USMC	0	6	CPL	6484	
USMC	0	1	GYSGT	6484	
USMC	0	4	SGT	6484	
USMC	0	2	SSGT	6484	
ACTIVITY TOTAL:	0	13			
VMAQ-4 MCAS Cherry Point, 67837					
USMC	0	6	CPL	6484	
USMC	0	1	GYSGT	6484	
USMC	0	4	SGT	6484	
USMC	0	2	SSGT	6484	
ACTIVITY TOTAL:	0	13			
VMAT-204 MCAS New River, 52799					
USMC	0	2	CPL	6467	
USMC	0	2	LCPL	6467	
ACTIVITY TOTAL:	0	4			
VMFA (AW) Squadron (East Coast), 00000					
USMC	0	6	CPL	6466	
USMC	0	3	LCPL	6466	
USMC	0	12	LCPL	6467	
USMC	0	3	SGT	6466	
USMC	0	3	SGT	6467	
ACTIVITY TOTAL:	0	27			
VMFA 142 NAS Atlanta, 08966					
USMC	0	1	CPL	6463	
USMC	0	1	LCPL	6463	
USMC	0	2	LCPL	6466	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USMC	0	1	LCPL	6467	
	0	1	SGT	6463	
	0	1	SGT	6466	
ACTIVITY TOTAL:	0	7			
VMFA 321 NAF Washington, 09265					
USMC	0	1	CPL	6463	
	0	1	LCPL	6463	
	0	2	LCPL	6466	
	0	1	LCPL	6467	
	0	1	SGT	6463	
	0	1	SGT	6466	
ACTIVITY TOTAL:	0	7			
VMFA Squadron (East Coast), 00000					
USMC	0	4	CPL	6463	
	0	4	LCPL	6463	
	0	8	LCPL	6466	
	0	4	LCPL	6467	
	0	4	SGT	6463	
	0	4	SGT	6466	
ACTIVITY TOTAL:	0	28			
VMU Squadron (UAV) MCAS Cherry Point, 86420					
USMC	0	1	CPL	6466	
	0	1	SGT	6466	
ACTIVITY TOTAL:	0	2			
VFA-125 NAS Lemoore, 09485					
USMC	0	1	LCPL	6466	
	0	3	SGT	6463	
	0	2	SGT	6466	
ACTIVITY TOTAL:	0	6			
VMA Squadron (West Coast), 00000					
USMC	0	8	CPL	6467	
	0	4	LCPL	6463	
	0	8	LCPL	6467	
ACTIVITY TOTAL:	0	20			
VMFA (AW) Squadron (West Coast), 00000					
USMC	0	6	CPL	6466	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USMC	0	3	LCPL	6466	
	0	12	LCPL	6467	
	0	3	SGT	6466	
	0	3	SGT	6467	
ACTIVITY TOTAL:	0	27			
VMFA 112 JRB Fort Worth, 08954					
USMC	0	1	CPL	6463	
	0	1	LCPL	6463	
	0	2	LCPL	6466	
	0	1	LCPL	6467	
	0	1	SGT	6463	
	0	1	SGT	6466	
ACTIVITY TOTAL:	0	7			
VMFA 134 MCAS Miramar, 09365					
USMC	0	1	CPL	6463	
	0	1	LCPL	6463	
	0	2	LCPL	6466	
	0	1	LCPL	6467	
	0	1	SGT	6463	
	0	1	SGT	6466	
ACTIVITY TOTAL:	0	7			
VMFA Squadron (West Coast), 00000					
USMC	0	4	CPL	6463	
	0	4	LCPL	6463	
	0	8	LCPL	6466	
	0	4	LCPL	6467	
	0	4	SGT	6463	
	0	4	SGT	6466	
ACTIVITY TOTAL:	0	28			
VMFAT-101, 09965					
USMC	0	4	CPL	6466	
	0	5	CPL	6467	
	0	3	LCPL	6466	
	0	2	SGT	6467	
ACTIVITY TOTAL:	0	14			
VMU Squadron (UAV) Twentynine Palms, 76543					
USMC	0	1	CPL	6466	
	0	1	SGT	6466	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
ACTIVITY TOTAL:	0	2			
FLEET SUPPORT ACTIVITIES - USN					
AIMD Andrews (Washington, DC), 44492					
TAR	0	1	AT2	6704	9526
	0	2	AT2	6705	9527
	0	1	AT2	6723	
ACTIVITY TOTAL:	0	4			
AIMD Brunswick, 44314					
ACDU	0	1	AT1	6705	
	0	1	AT2	6704	
	0	1	AT3	6704	
ACTIVITY TOTAL:	0	3			
AIMD Jacksonville, 44319					
ACDU	0	1	AT1	6704	
	0	1	AT1	6705	
	0	10	AT2	6704	
	0	2	AT2	6705	9527
	0	16	AT3	6704	
	0	1	AT3	6704	9527
	0	7	ATAN	6704	
ACTIVITY TOTAL:	0	38			
AIMD Mayport, 45459					
ACDU	0	1	AT1	6704	
	0	3	AT2	6704	
	0	2	AT2	6705	
	0	4	AT3	6704	
	0	1	ATAN	6704	
AIMD Mayport, 45459, FY04 Increment					
ACDU	0	1	AT2	6704	
	0	2	AT3	6704	
ACTIVITY TOTAL:	0	14			
AIMD Norfolk, 44325, FY04 Increment					
ACDU	0	1	AT2	6704	
	0	2	AT2	6705	
	0	2	AT3	6704	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
ACTIVITY TOTAL:	0	5			
AIMD Oceana, 44327					
ACDU	0	2	AT1	6633	6704
	0	1	AT1	6704	
	0	1	AT1	6704	9526
	0	2	AT1	6705	
	0	1	AT1	6723	
	0	2	AT1	6724	
	0	1	AT1	7978	6723
	0	1	AT1	7984	6723
	0	1	AT1	7988	6723
	0	6	AT2	6631	6704
	0	47	AT2	6704	
	0	4	AT2	6704	9526
	0	8	AT2	6705	
	0	4	AT2	6705	9526
	0	2	AT2	6705	9527
	0	6	AT2	6723	9527
	0	4	AT2	6724	
	0	3	AT2	7978	6704
	0	4	AT2	7978	6723
	0	10	AT2	7984	6704
	0	4	AT2	7984	6723
	0	3	AT2	7988	6723
	0	4	AT3	6633	6704
	0	74	AT3	6704	
	0	2	AT3	6704	9527
	0	4	AT3	6724	
	0	1	AT3	7978	6704
	0	9	AT3	7978	6723
	0	5	AT3	7984	6723
	0	7	AT3	7988	6723
	0	2	ATAN	6704	
AIMD Oceana, 44327, FY03 Increment					
ACDU	0	2	AT2	6705	
	0	4	AT3	6723	
	0	5	AT3	6724	
ACTIVITY TOTAL:	0	236			
AIMD Sigonella, 44330					
ACDU	0	1	AT2	6705	
	0	1	AT3	6704	
ACTIVITY TOTAL:	0	2			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
NAVAIRSYSCOM, AIR 1.0, 68346					
ACDU	0	2	AT2	6705	
ACTIVITY TOTAL:	0	2			
NAVTESTWINGLANT Patuxent River, 39782					
ACDU	0	1	AT2	6704	
	0	1	AT2	6705	
	0	1	AT3	6704	9526
ACTIVITY TOTAL:	0	3			
NAWCAD Patuxent River, 49860					
ACDU	0	1	AT1	6704	
	0	2	AT1	6705	
	0	5	AT2	6704	
	0	2	AT2	6705	
	0	3	AT3	6704	
USMC	0	1	GYSGT	6484	9960
ACTIVITY TOTAL:	0	14			
SEAOPDET Beaufort, 46961					
ACDU	0	2	AT2	6704	
	0	2	AT3	6704	
	0	1	AT3	6704	9527
ACTIVITY TOTAL:	0	5			
SEAOPDET Jacksonville, 46965					
ACDU	0	4	AT2	6704	
	0	13	AT3	6704	
	0	4	AT3	6704	9527
	0	1	AT3	6723	
	0	3	AT3	6724	
	0	12	ATAN	6704	
ACTIVITY TOTAL:	0	37			
SEAOPDET Norfolk, 46966					
ACDU	0	5	AT3	6704	9527

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
ACTIVITY TOTAL:	0	5			
SEAOPDET Oceana, 46963					
ACDU	0	6	AT2	6704	
	0	7	AT2	6704	9527
	0	1	AT2	6723	
	0	16	AT3	6704	
	0	8	AT3	6704	9527
	0	1	AT3	6723	
	0	1	AT3	6723	9527
	0	2	AT3	6724	
	0	12	ATAN	6704	
ACTIVITY TOTAL:	0	54			
AIMD Atsugi, 44323					
ACDU	0	1	AT2	6705	
	0	2	AT3	6704	
AIMD Atsugi, 44323, FY05 Increment					
ACDU	0	1	AT2	6705	
	0	2	AT3	6704	
ACTIVITY TOTAL:	0	6			
AIMD Fallon, 44317					
ACDU	0	3	AT2	6704	
	0	1	AT2	6705	
	0	2	AT3	6704	
AIMD Fallon, 44317, FY04 Increment					
ACDU	0	1	AT2	6705	
	0	2	AT3	6704	
	0	2	AT3	6723	
	0	2	AT3	6724	
ACTIVITY TOTAL:	0	13			
AIMD Lemoore, 44321					
ACDU	0	2	AT1	6705	
	0	1	AT1	6723	
	0	10	AT2	6704	
	0	7	AT2	6705	
	0	4	AT2	6723	
	0	2	AT2	6724	
	0	14	AT3	6704	
	0	3	AT3	6704	9527
	0	1	AT3	6723	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
ACDU	0	3	AT3	6724	
	0	1	ATAN	6704	
AIMD Lemoore, 44321, FY05 Increment					
ACDU	0	1	AT1	6705	
	0	6	AT2	6704	
	0	1	AT2	6705	
	0	3	AT2	6723	
	0	3	AT2	6724	
ACTIVITY TOTAL:	0	62			
AIMD North Island, 44326					
ACDU	0	2	AT1	6704	
	0	3	AT1	6705	
	0	26	AT2	6704	
	0	4	AT2	6705	
	0	1	AT2	6723	
	0	2	AT2	6724	
	0	20	AT3	6704	
	0	2	AT3	6723	
	0	1	AT3	6724	
ACTIVITY TOTAL:	0	61			
AIMD Point Mugu, 44328					
ACDU	0	1	AT2	6705	
	0	2	AT3	6704	9527
ACTIVITY TOTAL:	0	3			
AIMD Whidbey Island, 44329					
ACDU	0	4	AT1	6705	
	0	5	AT2	6704	
	0	2	AT2	6705	
	0	2	AT2	6723	
	0	8	AT3	6704	
	0	7	AT3	6723	
AIMD Whidbey Island, 44329, FY03 Increment					
ACDU	0	4	AT2	6704	
	0	2	AT2	6705	
	0	3	AT2	6723	
AIMD Whidbey Island, 44329, FY05 Increment					
ACDU	0	2	AT2	6704	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
AIMD Whidbey Island, 44329, FY06 Increment					
ACDU	0	2	AT2	6704	
ACTIVITY TOTAL:	0	41			
JRB Fort Worth, 44487					
ACDU	0	1	AT2	6704	
TAR	0	1	AT1	6704	
	0	2	AT2	6705	
	0	1	AT3	6704	
JRB Fort Worth, 44487, FY03 Increment					
ACDU	0	1	AT2	6705	
TAR	0	2	AT2	6723	
	0	2	AT2	6724	
ACTIVITY TOTAL:	0	10			
NAS Whidbey Island Van OpDet, 31179					
ACDU	0	20	AT1	6705	
	0	20	AT2	6704	
	0	25	AT2	6705	
	0	50	AT3	6704	
ACTIVITY TOTAL:	0	115			
SEAOPDET Lemoore, 46964					
ACDU	0	1	AT1	6724	
	0	10	AT2	6704	
	0	2	AT2	6724	
	0	6	AT3	6704	
	0	2	AT3	6704	9527
	0	3	AT3	6724	
	0	1	ATAN	6704	
ACTIVITY TOTAL:	0	25			
SEAOPDET North Island, 46968					
ACDU	0	7	AT2	6704	
	0	18	AT3	6704	
	0	4	AT3	6704	9527
	0	1	AT3	6723	
	0	2	AT3	6724	
	0	12	ATAN	6704	
ACTIVITY TOTAL:	0	44			

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
SEAOPDET Point Mugu, 46962					
ACDU	0	2	AT3	6704	9527
ACTIVITY TOTAL:	0	2			
SEAOPDET Whidbey Island, 46967					
ACDU	0	8	AT2	6704	
	0	9	ATAN	6704	
ACTIVITY TOTAL:	0	17			
FLEET SUPPORT ACTIVITIES - USMC					
EAMTMU MCAS Cherry Point, 11223					
USMC	0	1	GYSGT	6484	
ACTIVITY TOTAL:	0	1			
MALS-14 Cherry Point, 09114					
USMC	0	1	CPL	6467	
	0	3	LCPL	6467	
MALS-14 Cherry Point, 09114, FY05 Increment					
USMC	0	2	LCPL	6466	
	0	4	SGT	6463	
ACTIVITY TOTAL:	0	10			
MALS-26 New River, 09167, FY05 Increment					
USMC	0	4	CPL	6463	
	0	4	CPL	6466	
	0	1	CPL	6467	
	0	3	LCPL	6467	
ACTIVITY TOTAL:	0	12			
MALS-29 New River, 52841, FY05 Increment					
USMC	0	2	CPL	6463	
	0	4	CPL	6466	
	0	1	CPL	6467	
	0	3	LCPL	6467	
ACTIVITY TOTAL:	0	10			
MALS-31 Beaufort, 09131, FY05 Increment					
USMC	0	4	CPL	6463	
	0	6	CPL	6467	
	0	7	LCPL	6467	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
ACTIVITY TOTAL:	0	17			
MALS-42 Atlanta, 09513, FY07 Increment					
AR	0	2	CPL	6463	
	0	2	CPL	6467	
SMCR	0	4	LCPL	6463	
	0	5	LCPL	6467	
ACTIVITY TOTAL:	0	13			
MALS-49 Willow Grove, 55555, FY07 Increment					
AR	0	1	CPL	6463	
	0	1	CPL	6467	
SMCR	0	3	LCPL	6463	
	0	4	LCPL	6467	
ACTIVITY TOTAL:	0	9			
MCAS Quantico, 00262, FY07 Increment					
USMC	0	2	CPL	6463	
	0	2	CPL	6467	
	0	4	LCPL	6463	
	0	5	LCPL	6467	
ACTIVITY TOTAL:	0	13			
MALS-11 Miramar, 09111					
USMC	0	1	CPL	6467	
	0	3	LCPL	6467	
MALS-11 Miramar, 09111, FY05 Increment					
USMC	0	2	CPL	6463	
	0	2	CPL	6466	
	0	3	CPL	6467	
	0	4	LCPL	6463	
	0	4	LCPL	6466	
	0	6	LCPL	6467	
ACTIVITY TOTAL:	0	25			
MALS-12 Iwakuni, 09112					
USMC	0	1	CPL	6467	
	0	4	CPL	6484	
	0	3	LCPL	6467	
	0	1	SGT	6484	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
MALS-12 Iwakuni, 09112, FY05 Increment					
USMC	0	1	CPL	6463	
	0	1	CPL	6466	
	0	1	CPL	6467	
	0	2	LCPL	6463	
	0	2	LCPL	6466	
	0	2	LCPL	6467	
ACTIVITY TOTAL:	0	18			
MALS-13 Yuma, 55585					
USMC	0	1	CPL	6467	
	0	3	LCPL	6467	
MALS-13 Yuma, 55585, FY05 Increment					
USMC	0	1	CPL	6463	
	0	1	CPL	6466	
	0	1	CPL	6467	
	0	2	LCPL	6463	
	0	2	LCPL	6466	
	0	2	LCPL	6467	
ACTIVITY TOTAL:	0	13			
MALS-16 Miramar, 55583, FY04 Increment					
USMC	0	1	CPL	6463	
	0	1	CPL	6466	
	0	1	CPL	6467	
	0	4	LCPL	6463	
	0	4	LCPL	6466	
	0	4	LCPL	6467	
ACTIVITY TOTAL:	0	15			
MALS-24 Kaneohe, 09124, FY04 Increment					
USMC	0	1	CPL	6463	
	0	1	CPL	6466	
	0	1	CPL	6467	
	0	4	LCPL	6463	
	0	4	LCPL	6466	
	0	4	LCPL	6467	
ACTIVITY TOTAL:	0	15			
MALS-36 Futenma, 09136, FY05 Increment					
USMC	0	1	CPL	6463	
	0	1	CPL	6466	

II.A.1.b. BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
USMC	0	1	CPL	6467	
	0	4	LCPL	6463	
	0	4	LCPL	6466	
	0	4	LCPL	6467	
ACTIVITY TOTAL:	0	15			
MALS-39 Camp Pendleton, 09808, FY06 Increment					
USMC	0	1	CPL	6463	
	0	1	CPL	6466	
	0	1	CPL	6467	
	0	4	LCPL	6463	
	0	4	LCPL	6466	
	0	4	LCPL	6467	
ACTIVITY TOTAL:	0	15			
MALS-41 Fort Worth, 67239, FY05 Increment					
USMC	0	1	CPL	6463	
	0	1	CPL	6466	
	0	1	CPL	6467	
	0	1	LCPL	6463	
	0	1	LCPL	6466	
	0	1	LCPL	6467	
ACTIVITY TOTAL:	0	6			
MALS-46 Miramar, 10101					
USMC	0	1	CPL	6467	
	0	3	LCPL	6467	
MALS-46 Miramar, 10101, FY07 Increment					
USMC	0	1	CPL	6463	
	0	1	CPL	6466	
	0	1	CPL	6467	
	0	4	LCPL	6463	
	0	4	LCPL	6466	
	0	4	LCPL	6467	
ACTIVITY TOTAL:	0	19			

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
USN OPERATIONAL ACTIVITIES - ACDU													
AT1	6704		10		7		3		4		10		2
AT1	6705		26		5		2		3		8		2
AT1	6724		1		0		0		0		0		0
AT2	6704		9		23		10		15		20		6
AT2	6704	9527	1		0		0		0		0		0
AT2	6705		37		3		1		1		5		0
AT2	6705	9527	3		0		0		0		0		0
AT2	6723		1		0		0		0		0		0
AT2	6724		1		0		0		0		0		0
AT3	6704		32		0		0		0		7		0
AT3	6704	9527	4		0		0		0		0		0
AT3	6723		2		0		0		0		0		0
AT3	6724		2		0		0		0		0		0
ATAN	6704		34		0		0		0		1		0
SSGT	6484		2		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - USMC													
CPL	6463		12		0		0		0		0		0
CPL	6466		18		0		0		0		0		0
CPL	6467		21		0		0		0		0		0
CPL	6484		24		0		0		0		0		0
GYSGT	6484		4		0		0		0		0		0
LCPL	6463		19		0		0		0		0		0
LCPL	6466		35		0		0		0		0		0
LCPL	6467		52		0		0		0		0		0
SGT	6463		15		0		0		0		0		0
SGT	6466		22		0		0		0		0		0
SGT	6467		8		0		0		0		0		0
SGT	6484		16		0		0		0		0		0
SSGT	6484		8		0		0		0		0		0
USN FLEET SUPPORT ACTIVITIES - ACDU													
AT1	6633	6704	2		0		0		0		0		0
AT1	6704		6		0		0		0		0		0
AT1	6704	9526	1		0		0		0		0		0
AT1	6705		35		0		0		1		0		0
AT1	6723		2		0		0		0		0		0
AT1	6724		3		0		0		0		0		0
AT1	7978	6723	1		0		0		0		0		0
AT1	7984	6723	1		0		0		0		0		0
AT1	7988	6723	1		0		0		0		0		0
AT2	6631	6704	6		0		0		0		0		0
AT2	6704		169		4		2		8		2		0
AT2	6704	9526	4		0		0		0		0		0
AT2	6704	9527	7		0		0		0		0		0

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
AT2	6705		57		5		3		2		0		0
AT2	6705	9526		4	0		0		0		0		0
AT2	6705	9527		4	0		0		0		0		0
AT2	6723		8		3		0		3		0		0
AT2	6723	9527		6	0		0		0		0		0
AT2	6724		10		0		0		3		0		0
AT2	7978	6704		3	0		0		0		0		0
AT2	7978	6723		4	0		0		0		0		0
AT2	7984	6704		10	0		0		0		0		0
AT2	7984	6723		4	0		0		0		0		0
AT2	7988	6723		3	0		0		0		0		0
AT3	6633	6704		4	0		0		0		0		0
AT3	6704		250		0		6		2		0		0
AT3	6704	9526		1	0		0		0		0		0
AT3	6704	9527		34	0		0		0		0		0
AT3	6723		13		4		2		0		0		0
AT3	6723	9527		1	0		0		0		0		0
AT3	6724		18		5		2		0		0		0
AT3	7978	6704		1	0		0		0		0		0
AT3	7978	6723		9	0		0		0		0		0
AT3	7984	6723		5	0		0		0		0		0
AT3	7988	6723		7	0		0		0		0		0
ATAN	6704		57		0		0		0		0		0
GYSGT	6484	9960		1	0		0		0		0		0

USN FLEET SUPPORT ACTIVITIES - TAR

AT1	6704		1		0		0		0		0		0
AT2	6704	9526		1	0		0		0		0		0
AT2	6705		2		0		0		0		0		0
AT2	6705	9527		2	0		0		0		0		0
AT2	6723		1		2		0		0		0		0
AT2	6724		0		2		0		0		0		0
AT3	6704		1		0		0		0		0		0

USMC FLEET SUPPORT ACTIVITIES - USMC

CPL	6463		0		0		2		16		1		3
CPL	6466		0		0		2		14		1		1
CPL	6467		5		0		2		15		1		3
CPL	6484		4		0		0		0		0		0
GYSGT	6484		1		0		0		0		0		0
LCPL	6463		0		0		8		13		4		8
LCPL	6466		0		0		8		15		4		4
LCPL	6467		15		0		8		28		4		9
SGT	6463		0		0		0		4		0		0
SGT	6484		1		0		0		0		0		0

USMC FLEET SUPPORT ACTIVITIES - AR

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07		
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
CPL	6463		0		0		0		0		0		3	
CPL	6467		0		0		0		0		0		3	
USMC FLEET SUPPORT ACTIVITIES - SMCR														
LCPL	6463		0		0		0		0		0		7	
LCPL	6467		0		0		0		0		0		9	
SUMMARY TOTALS:														
USN OPERATIONAL ACTIVITIES - ACDU				163		38		16		23		51		10
				2		0		0		0		0		0
USMC OPERATIONAL ACTIVITIES - USMC				254		0		0		0		0		0
USN FLEET SUPPORT ACTIVITIES - ACDU				811		21		15		19		2		0
				1		0		0		0		0		0
USN FLEET SUPPORT ACTIVITIES - TAR				8		4		0		0		0		0
USMC FLEET SUPPORT ACTIVITIES - USMC				26		0		30		105		15		28
USMC FLEET SUPPORT ACTIVITIES - AR				0		0		0		0		0		6
USMC FLEET SUPPORT ACTIVITIES - SMCR				0		0		0		0		0		16

II.A.1.c. TOTAL BILLETS REQUIRED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF ENL	CFY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL	FY06 OFF ENL	FY07 OFF ENL
GRAND TOTALS:							
USN - ACDU		974 3	59 0	31 0	42 0	53 0	10 0
USN - TAR		8	4	0	0	0	0
USMC - USMC		280	0	30	105	15	28
USMC - AR		0	0	0	0	0	6
USMC - SMCR		0	0	0	0	0	16

II.A.2.a. OPERATIONAL AND FLEET SUPPORT ACTIVITY DEACTIVATION SCHEDULE

SOURCE OF SCHEDULE:	PMA260	DATE: Dec 1999					
ACTIVITY, UIC		PFYs	CFY03	FY04	FY05	FY06	FY07
OPERATIONAL ACTIVITIES - USN CV 64, USS Constellation	03364	0	0	10	0	0	0
TOTAL:		0	0	10	0	0	0

II.A.2.b. BILLETS TO BE DELETED FOR OPERATIONAL AND FLEET SUPPORT ACTIVITIES

ACTIVITY, UIC, PHASING INCREMENT	BILLETS OFF	BILLETS ENL	DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS
OPERATIONAL ACTIVITIES - USN					
CV 64, USS Constellation, 03364, FY04 Increment					
ACDU	0	1	AT1	6705	
	0	1	AT2	6705	
	0	2	AT2	6705	9527
	0	3	AT3	6704	
	0	3	ATAN	6704	
ACTIVITY TOTAL:	0	10			

II.A.2.c. TOTAL BILLETS TO BE DELETED IN OPERATIONAL AND FLEET SUPPORT ACTIVITIES

DESIG/ RATING	PNEC/SNEC PMOS/SMOS	PFYs OFF ENL	CFY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL	FY06 OFF ENL	FY07 OFF ENL
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USN OPERATIONAL ACTIVITIES - ACDU

AT1	6705	1	0	-1	0	0	0
AT2	6705	1	0	-1	0	0	0
AT2	6705 9527	2	0	-2	0	0	0
AT3	6704	3	0	-3	0	0	0
ATAN	6704	3	0	-3	0	0	0

SUMMARY TOTALS:

USN OPERATIONAL ACTIVITIES - ACDU

10	0	-10	0	0	0
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GRAND TOTALS:

USN - ACDU

10	0	-10	0	0	0
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II.A.3. TRAINING ACTIVITIES INSTRUCTOR AND SUPPORT BILLET REQUIREMENTS

DESIG RATING	PNEC/SNEC PMOS/SMOS	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL

TRAINING ACTIVITY, LOCATION, UIC: MTU 1083 NAMTRAU Whidbey Island, 66058

INSTRUCTOR BILLETS

USMC														
GYSGT	6484		0	1	0	3	0	3	0	3	0	3	0	3
SGT	6484		0	0	0	1	0	1	0	1	0	1	0	1
SSGT	6484		0	1	0	3	0	3	0	3	0	3	0	3
TOTAL:			0	2	0	7	0	7	0	7	0	7	0	7

TRAINING ACTIVITY, LOCATION, UIC: MTU 3010 NAMTRAU Oceana, 66045

INSTRUCTOR BILLETS

USN														
AT1	6705	9502	0	18	0	18	0	18	0	18	0	18	0	18
AT1	6723	9502	0	3	0	3	0	3	0	3	0	3	0	3
AT1	6724	9502	0	1	0	1	0	1	0	1	0	1	0	1
AT2	6705	9502	0	5	0	5	0	5	0	5	0	5	0	5

USMC														
SGT	6463		0	0	0	0	0	0	0	0	0	0	0	0
SGT	6466		0	2	0	2	0	2	0	2	0	2	0	2
SGT	6467		0	5	0	5	0	5	0	5	0	5	0	5

SUPPORT BILLETS

USMC														
SGT	6484		0	2	0	2	0	2	0	2	0	2	0	2
TOTAL:			0	36	0	36	0	36	0	36	0	36	0	36

TRAINING ACTIVITY, LOCATION, UIC: MTU 3011 NAMTRAU North Island DET Miramar, 42148

INSTRUCTOR BILLETS

USN														
AT1	6705	9502	0	12	0	12	0	12	0	12	0	12	0	12
AT1	6723	9502	0	2	0	2	0	2	0	2	0	2	0	2
AT1	6724	9502	0	1	0	1	0	1	0	1	0	1	0	1
AT2	6705	9502	0	6	0	6	0	6	0	6	0	6	0	6
TOTAL:			0	21	0	21	0	21	0	21	0	21	0	21

II.A.4. CHARGEABLE STUDENT BILLET REQUIREMENTS

ACTIVITY, LOCATION, UIC	USN/ USMC	PFYs		CFY03		FY04		FY05		FY06		FY07	
		OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 3010 NAMTRAU Oceana, 66045													
USN	0.0	25.0	0.0	28.4	0.0	26.9	0.0	27.2	0.0	28.0	0.0	27.6	
USMC	0.0	2.8	0.0	2.8	0.0	4.1	0.0	6.9	0.0	4.9	0.0	6.1	
MTU 1083 NAMTRAGRU Whidbey Island, 66058													
USN	0.0	0.0	0.0	0.0	0.0	5.3	0.0	5.3	0.0	5.3	0.0	5.3	
USMC	0.0	0.0	0.0	0.0	0.0	4.3	0.0	4.3	0.0	4.3	0.0	4.3	
MTU 3011 NAMTRAU North Island DET Miramar, 42148													
USN	0.0	21.9	0.0	24.0	0.0	24.0	0.0	26.7	0.0	27.3	0.0	25.6	
USMC	0.0	12.0	0.0	14.3	0.0	25.6	0.0	33.7	0.0	25.6	0.0	26.2	
SUMMARY TOTALS:													
USN	0.0	46.9	0.0	52.4	0.0	56.2	0.0	59.2	0.0	60.6	0.0	58.5	
USMC	0.0	14.8	0.0	17.1	0.0	34.0	0.0	44.9	0.0	34.8	0.0	36.6	
GRAND TOTALS:													
		0.0	61.7	0.0	69.5	0.0	90.2	0.0	104.1	0.0	95.4	0.0	95.1

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03 +/-	CUM	FY04 +/-	CUM	FY05 +/-	CUM	FY06 +/-	CUM	FY07 +/-	CUM
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a. OFFICER - USN Not Applicable

b. ENLISTED - USN

Operational Billets ACDU and TAR

AT1	6704		10	7	17	3	20	4	24	10	34	2	36
AT1	6705		26	5	31	1	32	3	35	8	43	2	45
AT1	6724		1	0	1	0	1	0	1	0	1	0	1
AT2	6704		9	23	32	10	42	15	57	20	77	6	83
AT2	6704	9527	1	0	1	0	1	0	1	0	1	0	1
AT2	6705		37	3	40	0	40	1	41	5	46	0	46
AT2	6705	9527	3	0	3	-2	1	0	1	0	1	0	1
AT2	6723		1	0	1	0	1	0	1	0	1	0	1
AT2	6724		1	0	1	0	1	0	1	0	1	0	1
AT3	6704		32	0	32	-3	29	0	29	7	36	0	36
AT3	6704	9527	4	0	4	0	4	0	4	0	4	0	4
AT3	6723		2	0	2	0	2	0	2	0	2	0	2
AT3	6724		2	0	2	0	2	0	2	0	2	0	2
ATAN	6704		34	0	34	-3	31	0	31	1	32	0	32

Fleet Support Billets ACDU and TAR

AT1	6633	6704	2	0	2	0	2	0	2	0	2	0	2
AT1	6704		7	0	7	0	7	0	7	0	7	0	7

AT1	6704	9526	1	0	1	0	1	0	1	0	1	0	1
AT1	6705		35	0	35	0	35	1	36	0	36	0	36
AT1	6723		2	0	2	0	2	0	2	0	2	0	2
AT1	6724		3	0	3	0	3	0	3	0	3	0	3
AT1	7978	6723	1	0	1	0	1	0	1	0	1	0	1
AT1	7984	6723	1	0	1	0	1	0	1	0	1	0	1
AT1	7988	6723	1	0	1	0	1	0	1	0	1	0	1
AT2	6631	6704	6	0	6	0	6	0	6	0	6	0	6
AT2	6704		169	4	173	2	175	8	183	2	185	0	185
AT2	6704	9526	5	0	5	0	5	0	5	0	5	0	5
AT2	6704	9527	7	0	7	0	7	0	7	0	7	0	7
AT2	6705		59	5	64	3	67	2	69	0	69	0	69
AT2	6705	9526	4	0	4	0	4	0	4	0	4	0	4
AT2	6705	9527	6	0	6	0	6	0	6	0	6	0	6
AT2	6723		9	5	14	0	14	3	17	0	17	0	17
AT2	6723	9527	6	0	6	0	6	0	6	0	6	0	6
AT2	6724		10	2	12	0	12	3	15	0	15	0	15
AT2	7978	6704	3	0	3	0	3	0	3	0	3	0	3
AT2	7978	6723	4	0	4	0	4	0	4	0	4	0	4
AT2	7984	6704	10	0	10	0	10	0	10	0	10	0	10
AT2	7984	6723	4	0	4	0	4	0	4	0	4	0	4
AT2	7988	6723	3	0	3	0	3	0	3	0	3	0	3

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03		FY04		FY05		FY06		FY07											
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM										
AT3	6633	6704	4	0	4	0	4	0	4	0	4	0	4										
AT3	6704		251	0	251	6	257	2	259	0	259	0	259										
AT3	6704	9526	1	0	1	0	1	0	1	0	1	0	1										
AT3	6704	9527	34	0	34	0	34	0	34	0	34	0	34										
AT3	6723		13	4	17	2	19	0	19	0	19	0	19										
AT3	6723	9527	1	0	1	0	1	0	1	0	1	0	1										
AT3	6724		18	5	23	2	25	0	25	0	25	0	25										
AT3	7978	6704	1	0	1	0	1	0	1	0	1	0	1										
AT3	7978	6723	9	0	9	0	9	0	9	0	9	0	9										
AT3	7984	6723	5	0	5	0	5	0	5	0	5	0	5										
AT3	7988	6723	7	0	7	0	7	0	7	0	7	0	7										
ATAN	6704		57	0	57	0	57	0	57	0	57	0	57										
AT	67XX		60	0	60	0	60	0	60	0	60	0	60										
Staff Billets ACDU and TAR																							
AT1	6705	9502	30	0	30	0	30	0	30	0	30	0	30										
AT1	6723	9502	5	0	5	0	5	0	5	0	5	0	5										
AT1	6724	9502	2	0	2	0	2	0	2	0	2	0	2										
AT2	6705	9502	11	0	11	0	11	0	11	0	11	0	11										
Chargeable Student Billets ACDU and TAR																							
			47	6	53	4	57	3	60	1	61	-2	59										
TOTAL USN ENLISTED BILLETS:																							
Operational				163	38	201	6	207	23	230	51	281	10	291									
Fleet Support				819	25	844	15	859	19	878	2	880	0	880									
Staff				48	0	48	0	48	0	48	0	48	0	48									
Chargeable Student				47	6	53	4	57	3	60	1	61	-2	59									
c. OFFICER - USMC				Not Applicable																			
d. ENLISTED - USMC																							
Operational Billets USMC and AR																							
CPL	6463		12	0	12	0	12	0	12	0	12	0	12										
CPL	6466		18	0	18	0	18	0	18	0	18	0	18										
CPL	6467		21	0	21	0	21	0	21	0	21	0	21										
CPL	6484		24	0	24	0	24	0	24	0	24	0	24										
GYSGT	6484		4	0	4	0	4	0	4	0	4	0	4										

II.A.5. ANNUAL INCREMENTAL AND CUMULATIVE BILLETS

DESIG/ RATING	PNEC/ PMOS	SNEC/ SMOS	BILLET BASE	CFY03		FY04		FY05		FY06		FY07	
				+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM	+/-	CUM
LCPL	6463		19	0	19	0	19	0	19	0	19	0	19
LCPL	6466		35	0	35	0	35	0	35	0	35	0	35
LCPL	6467		52	0	52	0	52	0	52	0	52	0	52
SGT	6463		15	0	15	0	15	0	15	0	15	0	15
SGT	6466		22	0	22	0	22	0	22	0	22	0	22
SGT	6467		8	0	8	0	8	0	8	0	8	0	8
SGT	6484		16	0	16	0	16	0	16	0	16	0	16
SSGT	6484		10	0	10	0	10	0	10	0	10	0	10
Fleet Support Billets USMC and AR													
CPL	6463		0	0	0	2	2	16	18	1	19	6	25
CPL	6466		0	0	0	2	2	14	16	1	17	1	18
CPL	6467		5	0	5	2	7	15	22	1	23	6	29
CPL	6484		4	0	4	0	4	0	4	0	4	0	4
GYSGT	6484		1	0	1	0	1	0	1	0	1	0	1
GYSGT	6484	9960	1	0	1	0	1	0	1	0	1	0	1
LCPL	6463		0	0	0	8	8	13	21	4	25	8	33
LCPL	6466		0	0	0	8	8	15	23	4	27	4	31
LCPL	6467		15	0	15	8	23	28	51	4	55	9	64
SGT	6463		0	0	0	0	0	4	4	0	4	0	4
SGT	6484		1	0	1	0	1	0	1	0	1	0	1
Staff Billets USMC and AR													
GYSGT	6484		1	2	3	0	3	0	3	0	3	0	3
SGT	6463		0	0	0	0	0	0	0	0	0	0	0
SGT	6466		2	0	2	0	2	0	2	0	2	0	2
SGT	6467		5	0	5	0	5	0	5	0	5	0	5
SGT	6484		2	1	3	0	3	0	3	0	3	0	3
SSGT	6484		1	2	3	0	3	0	3	0	3	0	3
Chargeable Student Billets USMC and AR													
			15	3	18	16	34	11	45	-10	35	2	37
SMCR Billets													
LCPL	6463		0	0	0	0	0	0	0	0	0	7	7
LCPL	6467		0	0	0	0	0	0	0	0	0	9	9
TOTAL USMC ENLISTED BILLETS:													
Operational				256	0	256	0	256	0	256	0	256	0
Fleet Support				27	0	27	30	57	105	162	15	177	34
Staff				11	5	16	0	16	0	16	0	16	0
Chargeable Student				15	3	18	16	34	11	45	-10	35	2
SMCR				0	0	0	0	0	0	0	0	16	16

II.B. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: D-198-6101, Consolidated Automated Support System (CASS) Advanced Maintenance/Calibration Technician

COURSE LENGTH: 4.4 Weeks **NAVY TOUR LENGTH:** 36 Months

ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.09

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL	FY06 OFF ENL	FY07 OFF ENL
MTU 3010 NAMTRAU Oceana							
	USN	ACDU	23	22	22	23	23
		TAR	1	0	1	0	1
		TOTAL:	24	22	23	23	24

CIN, COURSE TITLE: E-198-6101, Consolidated Automated Support System (CASS) Advanced Maintenance/Calibration Technician

COURSE LENGTH: 4.4 Weeks **NAVY TOUR LENGTH:** 36 Months

ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.09

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL	FY06 OFF ENL	FY07 OFF ENL
MTU 3011 NAMTRAU North Island DET Miramar							
	USN	ACDU	31	29	32	36	32
		TAR	1	0	1	0	1
		TOTAL:	32	29	33	36	33

CIN, COURSE TITLE: D-198-6102, Consolidated Automated Support Systems (CASS) Common Configurations Operator/Maintainer Intermediate Maintenance

COURSE LENGTH: 9.4 Weeks **NAVY TOUR LENGTH:** 36 Months

ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.19

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL	FY06 OFF ENL	FY07 OFF ENL
MTU 3010 NAMTRAU Oceana							
	USN	ACDU	120	119	121	125	123
		TAR	0	0	0	1	0
		TOTAL:	120	119	121	126	123

CIN, COURSE TITLE: E-198-6102, Consolidated Automated Support Systems (CASS) Common Configurations Operator/Maintainer Intermediate Maintenance

COURSE LENGTH: 9.4 Weeks **NAVY TOUR LENGTH:** 36 Months

ATTRITION FACTOR: Navy: 10% USMC: 0% **BACKOUT FACTOR:** 0.19

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL	FY06 OFF ENL	FY07 OFF ENL
MTU 3011 NAMTRAU North Island DET Miramar							
	USN	ACDU	104	104	116	123	112
		TAR	1	1	1	1	1
		TOTAL:	105	105	117	124	113

II.B. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: D-198-6103, USMC Consolidated Automated Support System (CASS) Test Station Operator/Maintainer/
Technician

COURSE LENGTH: 13.4 Weeks

NAVY TOUR LENGTH: 36 Months

ATTRITION FACTOR: Navy: 0% USMC: 0%

BACKOUT FACTOR: 0.27

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 3010 NAMTRAU Oceana												
	USMC	USMC		11		16		27		18		22
		AR		0		0		0		1		2
		SMCR		0		0		0		0		1
		TOTAL:		11		16		27		19		25

CIN, COURSE TITLE: E-198-6103, USMC Consolidated Automated Support System (CASS) Test Station Operator/Maintainer/
Technician

COURSE LENGTH: 13.4 Weeks

NAVY TOUR LENGTH: 36 Months

ATTRITION FACTOR: Navy: 0% USMC: 0%

BACKOUT FACTOR: 0.27

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 3011 NAMTRAU North Island DET Miramar												
	USMC	USMC			17		28		36		28	
		TOTAL:			17		28		36		28	

CIN, COURSE TITLE: D-198-6104, CASS High Power Configuration Operator/Maintainer

COURSE LENGTH: 11.4 Weeks

NAVY TOUR LENGTH: 36 Months

ATTRITION FACTOR: Navy: 10% USMC: 0%

BACKOUT FACTOR: 0.23

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 3010 NAMTRAU Oceana												
	USN	ACDU			19		16		16		16	
		TAR			0		1		0		0	
		TOTAL:			19		17		16		16	

CIN, COURSE TITLE: E-198-6104, CASS High Power Configuration Operator/Maintainer

COURSE LENGTH: 11.4 Weeks

NAVY TOUR LENGTH: 36 Months

ATTRITION FACTOR: Navy: 10% USMC: 0%

BACKOUT FACTOR: 0.23

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03		FY04		FY05		FY06		FY07	
			OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
MTU 3011 NAMTRAU North Island DET Miramar												
	USN	ACDU			9		10		10		9	
		TAR			1		0		1		0	
		TOTAL:			10		10		11		9	

II.B. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: D-198-6105, CASS EO+ Configuration Operation/Maintainer

COURSE LENGTH: 12.6 Weeks

NAVY TOUR LENGTH: 36 Months

ATTRITION FACTOR: Navy: 10% USMC: 0%

BACKOUT FACTOR: 0.25

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL	FY06 OFF ENL	FY07 OFF ENL
MTU 3010 NAMTRAU Oceana							
USN	ACDU		10	7	7	7	7
	TOTAL:		10	7	7	7	7

CIN, COURSE TITLE: E-198-6105, CASS EO+ Configuration Operation/Maintainer

COURSE LENGTH: 12.6 Weeks

NAVY TOUR LENGTH: 36 Months

ATTRITION FACTOR: Navy: 10% USMC: 0%

BACKOUT FACTOR: 0.25

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL	FY06 OFF ENL	FY07 OFF ENL
MTU 3011 NAMTRAU North Island DET Miramar							
USN	ACDU		6	8	8	7	7
	TAR		1	0	1	0	1
	TOTAL:		7	8	9	7	8

CIN, COURSE TITLE: E-198-6108, USMC CASS EO+ Configuration Operator/Maintainer/Technician

COURSE LENGTH: 16.4 Weeks

NAVY TOUR LENGTH: 36 Months

ATTRITION FACTOR: Navy: 0% USMC: 0%

BACKOUT FACTOR: 0.33

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL	FY06 OFF ENL	FY07 OFF ENL
MTU 3011 NAMTRAU North Island DET Miramar							
USMC	USMC		20	34	43	32	31
	TOTAL:		20	34	43	32	31

CIN, COURSE TITLE: E-198-6109, USMC CASS High Power Device Test Station Operator/Maintainer/Technician

COURSE LENGTH: 15.4 Weeks

NAVY TOUR LENGTH: 36 Months

ATTRITION FACTOR: Navy: 0% USMC: 0%

BACKOUT FACTOR: 0.31

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL	FY06 OFF ENL	FY07 OFF ENL
MTU 3011 NAMTRAU North Island DET Miramar							
USMC	USMC		13	27	38	28	30
	AR		0	0	0	1	2
	SMCR		0	0	0	0	1
	TOTAL:		13	27	38	29	33

II.B. ANNUAL TRAINING INPUT REQUIREMENTS

CIN, COURSE TITLE: E-198-6106, CASS Electronic Warfare (EW) Operator/Maintainer

COURSE LENGTH: 13.4 Weeks

NAVY TOUR LENGTH: 36 Months

ATTRITION FACTOR: Navy: 10% USMC: 0%

BACKOUT FACTOR: 0.27

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL	FY06 OFF ENL	FY07 OFF ENL
MTU 1083 NAMTRAU Whidbey Island							
	USN	ACDU	0	22	22	22	22
		TOTAL:	0	22	22	22	22

CIN, COURSE TITLE: E-198-6107, USMC CASS Electronic Warfare (EW) Operator/Maintainer

COURSE LENGTH: 17.4 Weeks

NAVY TOUR LENGTH: 36 Months

ATTRITION FACTOR: Navy: 0% USMC: 0%

BACKOUT FACTOR: 0.35

TRAINING ACTIVITY	SOURCE	ACDU/TAR SELRES	CFY03 OFF ENL	FY04 OFF ENL	FY05 OFF ENL	FY06 OFF ENL	FY07 OFF ENL
MTU 1083 NAMTRAU Whidbey Island							
	USMC	USMC	0	13	13	13	13
		TOTAL:	0	13	13	13	13

PART III - TRAINING REQUIREMENTS

The following elements are not affected by the CASS NTSP and, therefore, are not included in Part III of this NTSP:

III.A.1. Initial Training Requirements

III.A.2. Follow-on Training

 III.A.2.c. Unique Courses

III.A.3. Existing Training Phased Out

PART III - TRAINING REQUIREMENTS

III.A. TRAINING COURSE REQUIREMENTS

III.A.2. FOLLOW-ON TRAINING

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-198-6101, Consolidated Automated Support System (CASS) Advanced Maintenance/Calibration Technician

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
24		22		23		23		24		ATIR
22		20		21		21		22		Output
1.9		1.7		1.8		1.8		1.9		AOB
1.9		1.7		1.8		1.8		1.9		Chargeable

CIN, COURSE TITLE: E-198-6101, Consolidated Automated Support System (CASS) Advanced Maintenance/Calibration Technician

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
32		29		33		36		33		ATIR
29		26		30		32		30		Output
2.5		2.3		2.6		2.8		2.6		AOB
2.5		2.3		2.6		2.8		2.6		Chargeable

CIN, COURSE TITLE: D-198-6102, Consolidated Automated Support Systems (CASS) Common Configurations Operator/Maintainer

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
120		119		121		126		123		ATIR
108		107		109		113		111		Output
20.3		20.1		20.5		21.3		20.8		AOB
20.3		20.1		20.5		21.3		20.8		Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: E-198-6102, Consolidated Automated Support Systems (CASS) Common Configurations Operator/Maintainer
TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island
LOCATION, UIC: DET Miramar, 42148

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
105		105		117		124		113		ATIR
94		94		105		112		102		Output
17.8		17.8		19.8		21.0		19.1		AOB
17.8		17.8		19.8		21.0		19.1		Chargeable

CIN, COURSE TITLE: D-198-6103, USMC Consolidated Automated Support System (CASS) Test Station Operator/Maintainer/Technician
TRAINING ACTIVITY: MTU 3010 NAMTRAU
LOCATION, UIC: NAS Oceana, 66045

SOURCE: USMC **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
11		16		27		19		24		ATIR
11		16		27		19		24		Output
2.8		4.1		6.9		4.9		6.1		AOB
2.8		4.1		6.9		4.9		6.1		Chargeable

SOURCE: USMC **STUDENT CATEGORY:** SMCR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
0		0		0		0		1		ATIR
0		0		0		0		1		Output
0.0		0.0		0.0		0.0		0.3		AOB
0.0		0.0		0.0		0.0		0.0		Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: E-198-6103, USMC Consolidated Automated Support System (CASS) Test Station Operator/Maintainer/Technician

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

SOURCE: USMC **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
17		28		36		28		28		ATIR
17		28		36		28		28		Output
4.3		7.1		9.2		7.1		7.1		AOB
4.3		7.1		9.2		7.1		7.1		Chargeable

CIN, COURSE TITLE: D-198-6104, CASS High Power Configuration Operator/Maintainer

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
19		17		16		16		16		ATIR
17		15		14		14		14		Output
3.9		3.5		3.3		3.3		3.3		AOB
3.9		3.5		3.3		3.3		3.3		Chargeable

CIN, COURSE TITLE: E-198-6104, CASS High Power Configuration Operator/Maintainer

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
10		10		11		9		10		ATIR
9		9		10		8		9		Output
2.1		2.1		2.3		1.9		2.1		AOB
2.1		2.1		2.3		1.9		2.1		Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: D-198-6105, CASS EO+ Configuration Operation/Maintainer
TRAINING ACTIVITY: MTU 3010 NAMTRAU
LOCATION, UIC: NAS Oceana, 66045

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
10		7		7		7		7		ATIR
9		6		6		6		6		Output
2.3		1.6		1.6		1.6		1.6		AOB
2.3		1.6		1.6		1.6		1.6		Chargeable

CIN, COURSE TITLE: E-198-6105, CASS EO+ Test Station Operation/Maintainer
TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island
LOCATION, UIC: DET Miramar, 42148

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
7		8		9		7		8		ATIR
6		7		8		6		7		Output
1.6		1.8		2.0		1.6		1.8		AOB
1.6		1.8		2.0		1.6		1.8		Chargeable

CIN, COURSE TITLE: E-198-6108, USMC CASS EO+ Configuration Operator/Maintainer/Technician
TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island
LOCATION, UIC: DET Miramar, 42148

SOURCE: USMC **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07		
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	
20		34		43		32		31		ATIR
20		34		43		32		31		Output
6.2		10.6		13.4		10.0		9.7		AOB
6.2		10.6		13.4		10.0		9.7		Chargeable

III.A.2.a. EXISTING COURSES

CIN, COURSE TITLE: E-198-6109, USMC CASS High Power Configuration Operator/Maintainer/Technician
TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island
LOCATION, UIC: DET Miramar, 42148

SOURCE: USMC STUDENT CATEGORY: USMC - AR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
13		27		38		29		32	ATIR
13		27		38		29		32	Output
3.8		7.9		11.1		8.5		9.4	AOB
3.8		7.9		11.1		8.5		9.4	Chargeable

SOURCE: USMC STUDENT CATEGORY: SMCR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
0		0		0		0		1	ATIR
0		0		0		0		1	Output
0.0		0.0		0.0		0.0		0.3	AOB
0.0		0.0		0.0		0.0		0.0	Chargeable

III.A.2.b. PLANNED COURSES

CIN, COURSE TITLE: E-198-6106, CASS Electronic Warfare (EW) Operator/Maintainer

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

SOURCE: USN **STUDENT CATEGORY:** ACDU - TAR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
0		22		22		22		22	
0		20		20		20		20	
0.0		5.3		5.3		5.3		5.3	
0.0		5.3		5.3		5.3		5.3	

CIN, COURSE TITLE: E-198-6107, USMC CASS Electronic Warfare (EW) Operator/Maintainer

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

SOURCE: USMC **STUDENT CATEGORY:** USMC - AR

CFY03		FY04		FY05		FY06		FY07	
OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL	OFF	ENL
0		13		13		13		13	
0		13		13		13		13	
0.0		4.3		4.3		4.3		4.3	
0.0		4.3		4.3		4.3		4.3	

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

The following elements are not affected by the CASS NTSP, and, therefore, are not included in Part IV of this NTSP:

IV.B.1. Training Services

PART IV - TRAINING LOGISTICS SUPPORT REQUIREMENTS

IV.A. TRAINING HARDWARE

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance
(Track D-198-6101)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0062	CASS - Electro Optical (Pt # 2048AS775-04)	2	Nov 93	GFE	Onboard
ST					
3021	Connector Adapter (Pt # PE9011)	2	Nov 93	GFE	Onboard
3022	Pressure Hose (Pt # 2051AS091-01)	2	Nov 93	GFE	Onboard
3023	Pressure Hose (Pt # 2051AS092-01)	2	Nov 93	GFE	Onboard
3024	Pneumatics Installation Kit (Pt # 2048AS816-05P)	2	Nov 93	GFE	Onboard
3025	Relief Pressure Valve (Pt # SS4CPA2-3W/ORS)	2	Nov 93	GFE	Onboard
3026	Safety Relief Valve (Pt # SS4CPA2-%)W/ORS)	2	Nov 93	GFE	Onboard
3027	Dummy Load (Pt # 909D)	2	Nov 93	GFE	Onboard
3028	Low Frequency Power Meter (Pt # 436A-CS)	2	Nov 93	GFE	Onboard
SPETE					
6042	Connector Adapter (Pt # 11903C)	2	Nov 93	GFE	Onboard
6043	Connector Adapter (Pt # 1250-1743)	2	Nov 93	GFE	Onboard
6044	Cable Assembly (Pt # HP10833A)	2	Nov 93	GFE	Onboard
6045	Cable Assembly (Pt # 11730A)	2	Nov 93	GFE	Onboard
6047	CASS - CNI Test Set-LRIP (Pt # 2048AS775-03)	2	Nov 93	GFE	Onboard
6048	Electrical Load Bank (Pt # 2046AS337-01)	2	Nov 93	GFE	Onboard
6049	Cable Assembly (Pt # FB0HG0HG038.0)	2	Nov 93	GFE	Onboard
6050	Connector Adapter (Pt # OJB)	2	Nov 93	GFE	Onboard
6051	Connector Adapter (Pt # OJF)	2	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

6052	Connector Adapter (Pt # OJK)	2	Nov 93	GFE	Onboard
6053	Coupler Test Set (Pt # 2042AS005-01)	2	Nov 93	GFE	Onboard
6054	Cable Assembly Set (Pt # 2043AS302-01)	2	Nov 93	GFE	Onboard
6055	Adapter Set (Pt # 2043AS649-01)	2	Nov 93	GFE	Onboard
6056	Connector Adapter (Pt # 1250-1744)	2	Nov 93	GFE	Onboard
6057	Connector Adapter (Pt # 8022A1)	2	Nov 93	GFE	Onboard
6058	Adapter Test Set (Pt # 2047AS258-01)	2	Nov 93	GFE	Onboard
6059	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 93	GFE	Onboard

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance
(Track E-198-6101)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island
LOCATION, UIC: DET Miramar, 42148

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0062	CASS - Electro Optical (Pt # 2048AS775-04)	2	Nov 94	GFE	Onboard
ST					
3021	Connector Adapter (Pt # PE9011)	2	Nov 94	GFE	Onboard
3022	Pressure Hose (Pt # 2051AS091-01)	2	Nov 94	GFE	Onboard
3023	Pressure Hose (Pt # 2051AS092-01)	2	Nov 94	GFE	Onboard
3024	Pneumatics Installation Kit (Pt # 2048AS816-05P)	2	Nov 94	GFE	Onboard
3025	Relief Pressure Valve (Pt # SS4CPA2-3W/ORS)	2	Nov 94	GFE	Onboard
3026	Safety Relief Valve (Pt # SS4CPA2-%)W/ORS)	2	Nov 94	GFE	Onboard
3027	Dummy Load (Pt # 909D)	2	Nov 94	GFE	Onboard
3028	Low Frequency Power Meter (Pt # 436A-CS)	2	Nov 94	GFE	Onboard
SPETE					
6042	Connector Adapter (Pt # 11903C)	2	Nov 94	GFE	Onboard
6043	Connector Adapter (Pt # 1250-1743)	2	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

6044	Cable Assembly (Pt # HP10833A)	2	Nov 94	GFE	Onboard
6045	Cable Assembly (Pt # 11730A)	2	Nov 94	GFE	Onboard
6047	CASS - CNI Test Set-LRIP (Pt # 2048AS775-03)	2	Nov 94	GFE	Onboard
6048	Electrical Load Bank (Pt # 2046AS337-01)	2	Nov 94	GFE	Onboard
6049	Cable Assembly (Pt # FB0HG0HG038.0)	2	Nov 94	GFE	Onboard
6050	Connector Adapter (Pt # OJB)	2	Nov 94	GFE	Onboard
6051	Connector Adapter (Pt # OJF)	2	Nov 94	GFE	Onboard
6052	Connector Adapter (Pt # OJK)	2	Nov 94	GFE	Onboard
6053	Coupler Test Set (Pt # 2042AS005-01)	2	Nov 94	GFE	Onboard
6054	Cable Assembly Set (Pt # 2043AS302-01)	2	Nov 94	GFE	Onboard
6055	Adapter Set (Pt # 2043AS649-01)	2	Nov 94	GFE	Onboard
6056	Connector Adapter (Pt # 1250-1744)	2	Nov 94	GFE	Onboard
6057	Connector Adapter (Pt # 8022A1)	2	Nov 94	GFE	Onboard
6058	Adapter Test Set (Pt # 2047AS258-01)	2	Nov 94	GFE	Onboard
6059	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 94	GFE	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track D-198-6102)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0016	External Hard Drive (Pt # 2056AS137-01)	1	Nov 93	GFE	Onboard
0026	Power Supply (Pt # 1896AS300-03)	1	Nov 93	GFE	Onboard
0031	Circuit Card Assembly - Power Switch (Pt # 1897AS159-01)	1	Nov 93	GFE	Onboard
0035	Central Processing Unit (CPU) (Pt # M7625-AA)	1	Nov 93	GFE	Onboard
0037	Power Supply (Pt # 1896AS200-02)	1	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0038	Power Supply (Pt # 1896AS300-02)	1	Nov 93	GFE	Onboard
0039	Power Supply (Pt # 1896AS300-01)	1	Nov 93	GFE	Onboard
0040	Circuit Card Assembly - Coax Switch (Pt # 1897AS162-01)	1	Nov 93	GFE	Onboard
0041	Data Indicator (Pt # A51A9010-11)	1	Nov 93	GFE	Onboard
0042	Power Supply (Pt # 1896AS501-01)	1	Nov 93	GFE	Onboard
0043	Circuit Card Assembly (Pt # 1897AS165-01)	1	Nov 93	GFE	Onboard
0048	Buffer Storage Unit (Pt # 2044AS734-01)	1	Nov 93	GFE	Onboard
0051	Battery Assembly (Pt # 2049AS026-01)	2	Nov 93	GFE	Onboard
0053	Circuit Card Assembly (Pt # A51A9011-5)	1	Nov 93	GFE	Onboard
0054	Control Generator (Pt # A51A9147-5)	1	Nov 93	GFE	Onboard
0055	Gyroscope Assembly (Pt # A51A9002-29)	1	Nov 93	GFE	Onboard
0058	Circuit Card Assembly - Power Controller (Pt # 2048AS464-01)	1	Nov 93	GFE	Onboard
0093	Circuit Card Assembly (Pt # M7516-PA)	1	Nov 93	GFE	Onboard
0094	Circuit Card Assembly (Pt # 2044AS737-01)	1	Nov 93	GFE	Onboard
0095	Circuit Card Assembly (Pt # 1896AS889-01)	1	Nov 93	GFE	Onboard
0096	Circuit Card Assembly (Pt # 1896AS960-01)	1	Nov 93	GFE	Onboard
0097	Generator (Pt # 1897AS080-01)	1	Nov 93	GFE	Onboard
0098	Circuit Card Assembly (Pt # M719)	1	Nov 93	GFE	Onboard
0098	Circuit Card Assembly - Housekeeper (Pt # 859-815-00)	1	Nov 93	GFE	Onboard
0098	CFSD Distributing System (Pt # 2049AS82-01)	1	Nov 93	GFE	Onboard
0099	Circuit Card Assembly - MS1553 (Pt # 859-215-00)	1	Nov 93	GFE	Onboard
0100	Circuit Card Assembly - WDDA (Pt # 2048AS996-01)	1	Nov 93	GFE	Onboard
0101	LVSS (Pt # 1896AS501-01)	1	Nov 93	GFE	Onboard
0102	ASSCON (Pt # 1896AS889-01)	1	Nov 93	GFE	Onboard
0103	Power Supply (Pt # 1896AS300-03)	1	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0104	GPI Coax Switch (Pt # 1897AS165-01)	1	Nov 93	GFE	Onboard
0105	SGMA (Pt # 22036AS001-01)	1	Nov 93	GFE	Onboard
0106	Circuit Card Assembly - Channel (Pt # M-890-03)	1	Nov 93	GFE	Onboard
0107	LWPL (Pt # 1897AS247-01)	1	Nov 93	GFE	Onboard
0108	DTU Backplane (Pt # 854-895-75)	1	Nov 93	GFE	Onboard
0109	CASS Hybrid Test Station (Pt # 2054AS400-01)	6	Nov 93	GFE	Onboard
0110	CASS CNI Test Station (Pt # 2054AS400-03)	2	Nov 93	GFE	Onboard
0111	CASS RF Test Station (Pt # 2054AS400-02)	2	Nov 93	GFE	Onboard
0112	Common Interface Device Assembly (Pt # 2051AS610-01)	2	Nov 93	GFE	Onboard
0113	Interface Device (Pt # 2042AS006-01)	2	Nov 93	GFE	Onboard
0114	LVSS (MAMS) Power Supply (Pt # 1896AS501-04)	1	Nov 93	GFE	Onboard
0115	LVSS (MAMS) Power Supply (Pt # 1896AS501-05)	1	Nov 93	GFE	Onboard
0116	LVSS (MAMS) Power Supply (Pt # 1896AS501-10)	1	Nov 93	GFE	Onboard
0117	Circuit Card Assembly - Asset Control (Pt # 1896AS889-02)	1	Nov 93	GFE	Onboard
0118	Circuit Card Assembly - Asset Control (Pt # 1896AS889-03)	1	Nov 93	GFE	Onboard
0119	Circuit Card Assembly - Asset Control (Pt # 1896AS889-04)	1	Nov 93	GFE	Onboard
0120	Electrical Distributing System (Pt # 2049AS482-01)	1	Nov 93	GFE	Onboard
0121	Circuit Card Assembly - Power Control #1 (Pt # 2048AS464-01)	1	Nov 93	GFE	Onboard
0122	Circuit Card Assembly - Power Control #2 (Pt # 2048AS821-01)	1	Nov 93	GFE	Onboard
0123	Circuit Card Assembly - Power Control #3 (Pt # 2048AS824-01)	1	Nov 93	GFE	Onboard
0124	Circuit Card Assembly - Power Control #4 (Pt # 2049AS498-01)	1	Nov 93	GFE	Onboard
0125	Circuit Card Assembly - DTU CT 511 (Pt # 859-511-00)	1	Nov 93	GFE	Onboard
0126	Circuit Card Assembly - (MAMS) (Pt # M7622)	1	Nov 93	GFE	Onboard
0127	Receiver Subassembly - Circuit Card Assembly (MAMS) (Pt # M7625-AA)	1	Nov 93	GFE	Onboard
0128	Communication Interface Unit (Pt # 2T-22477-01)	1	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0129	Slot O Controller (Pt # 2056AS362-01)	1	Nov 93	GFE	Onboard
GPTE					
2001	Pneumatic Console (Pt # 2051AS163-05)	1	Nov 93	GFE	Onboard
ST					
3011	Card Puller (Pt # 854-605-01)	3	Nov 93	GFE	Onboard
3017	Adapter Set (Pt # 2047AS258-01)	2	Nov 93	GFE	Onboard
3019	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 93	GFE	Onboard
3053	Plug In Unit (Pt # 70900B)	1	Nov 93	GFE	Onboard
3054	Plug In Unit (Pt # HP70100A)	1	Nov 93	GFE	Onboard
3055	DMM Multimeter (Pt # 70110A-H10)	1	Nov 93	GFE	Onboard
3056	Test Accessory Kit (Pt # 2053AS340-01)	2	Nov 93	GFE	Onboard
3057	On Site Maintenance (OSM) Connect Adapter (Pt # 3288)	2	Nov 93	GFE	Onboard
3058	Connector Adapter (Pt # 11903C)	2	Nov 93	GFE	Onboard
3059	Special Purpose Cable Assembly (Pt # 854-895-54)	4	Nov 93	GFE	Onboard
3060	Connector Extraction Tool (Pt # 910110102)	3	Nov 93	GFE	Onboard
3061	Mini Extraction Tool (Pt # 910112104)	3	Nov 93	GFE	Onboard
3062	Circuit Card Assembly - Extraction Tool (Pt # 6126-978)	3	Nov 93	GFE	Onboard
GPETE					
5001	O'scope (Pt # TDS-620A)	3	Nov 93	GFE	Onboard
5004	Digital Multimeter (Pt # 77/BN)	3	Nov 93	GFE	Onboard
5007	Scope Adapter (Pt # 1688)	2	Nov 93	GFE	Onboard
SPETE					
6121	Electrical Cable Test Set (Pt # 2052AS826-TPI)	2	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-198-3069, AN/USM-636A(V) Common Operator/Maintainer Intermediate Maintenance Course (Track D-198-6102)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0025	Pressure Altimeter (Pt # NV1650AM3)	1	Nov 93	GFE	Onboard
0026	Power Supply (Pt # 1896AS300-03)	1	Nov 93	GFE	Onboard
0027	Circuit Card Assembly (Pt # 2048AS996-01)	1	Nov 93	GFE	Onboard
0028	Circuit Card Assembly (Pt # 131675-4)	1	Nov 93	GFE	Onboard
0029	Circuit Card Assembly (Pt # 859-815-00)	1	Nov 93	GFE	Onboard
0030	Speed Brake (Pt # 2100674-8-1)	1	Nov 93	GFE	Onboard
0031	Circuit Card Assembly - Power Switch (Pt # 1897AS159-01)	1	Nov 93	GFE	Onboard
0032	Receiver/Transmitter - RT-1017 (Pt # 792-6390-008)	1	Nov 93	GFE	Onboard
0033	Calibration Frequency Standard Device (CFSD) (Pt # 2049AS482-01)	1	Nov 93	GFE	Onboard
0034	Circuit Card Assembly (Pt # M7169)	1	Nov 93	GFE	Onboard
0035	Central Processing Unit (CPU) (Pt # M7625-AA)	1	Nov 93	GFE	Onboard
0036	Arbitrary Waveform Function Generator (AWFG) (Pt # 1897AS080-01)	1	Nov 93	GFE	Onboard
0037	Power Supply (Pt # 1896AS200-02)	1	Nov 93	GFE	Onboard
0038	Power Supply (Pt # 1896AS300-02)	1	Nov 93	GFE	Onboard
0039	Power Supply (Pt # 1896AS300-01)	1	Nov 93	GFE	Onboard
0040	Circuit Card Assembly - Coax Switch (Pt # 1897AS162-01)	1	Nov 93	GFE	Onboard
0041	Data Indicator (Pt # A51A9010-11)	1	Nov 93	GFE	Onboard
0042	Power Supply (Pt # 1896AS501-01)	1	Nov 93	GFE	Onboard
0043	Circuit Card Assembly (Pt # 1897AS165-01)	1	Nov 93	GFE	Onboard
0044	Digital Test Unit (DTU) Channel Card (Pt # 2044AS737-01)	1	Nov 93	GFE	Onboard
0045	Plug-In Unit (Pt # 70900B)	1	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0046	Plug-In Unit (Pt # HP70100A)	1	Nov 93	GFE	Onboard
0047	Circuit Card Assembly - Asset Controller (Pt # 1896AS889-01)	1	Nov 93	GFE	Onboard
0048	Buffer Storage Unit (Pt # 2044AS734-01)	1	Nov 93	GFE	Onboard
0049	Circuit Card Assembly - Communication IFF (Pt # 1896AS960-001)	1	Nov 93	GFE	Onboard
0050	Multi-Purpose Clear Display (Pt # 714SUM6)	1	Nov 93	GFE	Onboard
0051	Battery Assembly (Pt # 2049AS026-01)	1	Nov 93	GFE	Onboard
0052	Receiver Transmitter - RT-1016 (Pt # 787-6568-004)	1	Nov 93	GFE	Onboard
0053	Circuit Card Assembly (Pt # A51A9011-5)	1	Nov 93	GFE	Onboard
0054	Control Generator (Pt # A51A9147-5)	1	Nov 93	GFE	Onboard
0055	Gyroscope Assembly (Pt # A51A9002-29)	1	Nov 93	GFE	Onboard
0056	Rate Gyroscope (Pt # 123D7323G7)	1	Nov 93	GFE	Onboard
0057	Generator Control Unit (Pt # 946F288-4)	1	Nov 93	GFE	Onboard
0058	Circuit Card Assembly - Power Controller (Pt # 2048AS464-01)	1	Nov 93	GFE	Onboard
0059	Load Set (Pt # 2053AS575-01)	2	Nov 93	GFE	Onboard
0060	Inertial Navigation (Pt # 2051AS163-02)	2	Nov 93	GFE	Onboard
0061	External Hard Drive (Pt # 2056AS137-01)	1	Nov 93	GFE	Onboard
ST					
3012	Optical Disks (Pt # 15176)	20	Nov 93	GFE	Onboard
3015	Wrist Strap (Pt #2214)	10	Nov 93	GFE	Onboard
3016	Installation Kit (Pt # 2051AS163-01)	2	Nov 93	GFE	Onboard
3017	Adapter Set (Pt # 2047AS258-01)	2	Nov 93	GFE	Onboard
3018	Soldering Station (Pt # 8007-0161)	1	Nov 93	GFE	Onboard
3019	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 93	GFE	Onboard
3020	Huntron Test Set (Pt # 2000A)	1	Nov 93	GFE	Onboard
GPETE					
5001	O'scope (Pt # TDS-620A)	3	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

5003	Digital Multimeter (Pt # 70110A-H10)	1	Nov 93	GFE	Onboard
5004	Digital Multimeter (Pt # 77/BN)	3	Nov 93	GFE	Onboard
5005	Scope Adapter (Pt # 1688)	2	Nov 93	GFE	Onboard
SPETE					
6024	Fixture Test Set (Pt # 2053AS574-01)	2	Nov 93	GFE	Onboard
6025	Accessory Kit Self Test (Pt # 2052AS620-01)	2	Nov 93	GFE	Onboard
6026	Minor Adapter - A203 (Pt # 2052AS594-01)	2	Nov 93	GFE	Onboard
6027	Adapter Set (Pt # 2053AS573-01)	2	Nov 93	GFE	Onboard
6028	Minor Adapter (Pt # 2052AS598-01)	2	Nov 93	GFE	Onboard
6029	Minor Adapter - A204 (Pt # 2052AS597-01)	2	Nov 93	GFE	Onboard
6030	Minor Adapter - A206 (Pt # 2052AS593-01)	2	Nov 93	GFE	Onboard
6031	Adapter (Pt # 1250-0780)	2	Nov 93	GFE	Onboard
6032	Minor Adapter - A205 (Pt 2052AS595-01)	2	Nov 93	GFE	Onboard
6033	Common ID (Pt # 2051AS610-01)	2	Nov 93	GFE	Onboard
6034	Hybrid T/S CASS (Pt # 2054AS400-01)	6	Nov 93	GFE	Onboard
6035	CASS CNI T/S (Pt # 2054AS400-03)	2	Nov 93	GFE	Onboard
6036	Common ID Assembly (Pt # 2051AS610-01)	2	Nov 93	GFE	Onboard
6037	Test Accessory Kit (Pt # 2053AS340-01)	2	Nov 93	GFE	Onboard
6038	Test Set (Pt # 1502C)	2	Nov 93	GFE	Onboard
6039	Interface Device (Pt # 2042AS006-02)	2	Nov 93	GFE	Onboard
6040	Pneumatic Console (Pt # 2051AS163-05)	2	Nov 93	GFE	Onboard
6041	Minor Adapter (Pt # 2052AS596-01)	2	Nov 93	GFE	Onboard
6042	Connector Adapter (Pt # 11903C)	2	Nov 93	GFE	Onboard
6043	CASS - RF Test Set, Block II (Pt # 2054AS400-02)	2	Nov 93	GFE	Onboard
6044	VAST Lot 6 TPS (Pt # 137919000)	1	Nov 93	GFE	Onboard
6045	UUT Power Cable Set (Pt # 000CT0001)	4	Nov 93	GFE	Onboard
6046	Bus Interface (Pt # 2051AS163-03)	2	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6102)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0016	External Hard Drive (Pt # 2056AS137-01)	1	Nov 94	GFE	Onboard
0026	Power Supply (Pt # 1896AS300-03)	1	Nov 94	GFE	Onboard
0031	Circuit Card Assembly - Power Switch (Pt # 1897AS159-01)	1	Nov 94	GFE	Onboard
0035	Central Processing Unit (CPU) (Pt # M7625-AA)	1	Nov 94	GFE	Onboard
0037	Power Supply (Pt # 1896AS200-02)	1	Nov 94	GFE	Onboard
0038	Power Supply (Pt # 1896AS300-02)	1	Nov 94	GFE	Onboard
0039	Power Supply (Pt # 1896AS300-01)	1	Nov 94	GFE	Onboard
0040	Circuit Card Assembly - Coax Switch (Pt # 1897AS162-01)	1	Nov 94	GFE	Onboard
0041	Data Indicator (Pt # A51A9010-11)	1	Nov 94	GFE	Onboard
0042	Power Supply (Pt # 1896AS501-01)	1	Nov 94	GFE	Onboard
0043	Circuit Card Assembly (Pt # 1897AS165-01)	1	Nov 94	GFE	Onboard
0048	Buffer Storage Unit (Pt # 2044AS734-01)	1	Nov 94	GFE	Onboard
0051	Battery Assembly (Pt # 2049AS026-01)	2	Nov 94	GFE	Onboard
0053	Circuit Card Assembly (Pt # A51A9011-5)	1	Nov 94	GFE	Onboard
0054	Control Generator (Pt # A51A9147-5)	1	Nov 94	GFE	Onboard
0055	Gyroscope Assembly (Pt # A51A9002-29)	1	Nov 94	GFE	Onboard
0058	Circuit Card Assembly - Power Controller (Pt # 2048AS464-01)	1	Nov 94	GFE	Onboard
0093	Circuit Card Assembly (Pt # M7516-PA)	1	Nov 94	GFE	Onboard
0094	Circuit Card Assembly (Pt # 2044AS737-01)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0095	Circuit Card Assembly (Pt # 1896AS889-01)	1	Nov 94	GFE	Onboard
0096	Circuit Card Assembly (Pt # 1896AS960-01)	1	Nov 94	GFE	Onboard
0097	Generator (Pt # 1897AS080-01)	1	Nov 94	GFE	Onboard
0098	Circuit Card Assembly - Housekeeper (Pt # 859-815-00)	1	Nov 94	GFE	Onboard
0098	Circuit Card Assembly (Pt # M719)	1	Nov 94	GFE	Onboard
0098	CFSD Distributing System (Pt # 2049AS82-01)	1	Nov 94	GFE	Onboard
0099	Circuit Card Assembly - MS1553 (Pt # 859-215-00)	1	Nov 94	GFE	Onboard
0100	Circuit Card Assembly - WDDA (Pt # 2048AS996-01)	1	Nov 94	GFE	Onboard
0101	LVSS (Pt # 1896AS501-01)	1	Nov 94	GFE	Onboard
0102	ASSCON (Pt # 1896AS889-01)	1	Nov 94	GFE	Onboard
0103	Power Supply (Pt # 1896AS300-03)	1	Nov 94	GFE	Onboard
0104	GPI Coax Switch (Pt # 1897AS165-01)	1	Nov 94	GFE	Onboard
0105	SGMA (Pt # 22036AS001-01)	1	Nov 94	GFE	Onboard
0106	Circuit Card Assembly - Channel (Pt # M-890-03)	1	Nov 94	GFE	Onboard
0107	LWPL (Pt # 1897AS247-01)	1	Nov 94	GFE	Onboard
0108	DTU Backplane (Pt # 854-895-75)	1	Nov 94	GFE	Onboard
0109	CASS Hybrid Test Station (Pt # 2054AS400-01)	6	Nov 94	GFE	Onboard
0110	CASS CNI Test Station (Pt # 2054AS400-03)	2	Nov 94	GFE	Onboard
0111	CASS RF Test Station (Pt # 2054AS400-02)	2	Nov 94	GFE	Onboard
0112	Common Interface Device Assembly (Pt # 2051AS610-01)	2	Nov 94	GFE	Onboard
0113	Interface Device (Pt # 2042AS006-01)	2	Nov 94	GFE	Onboard
0114	LVSS (MAMS) Power Supply (Pt # 1896AS501-04)	1	Nov 94	GFE	Onboard
0115	LVSS (MAMS) Power Supply (Pt # 1896AS501-05)	1	Nov 94	GFE	Onboard
0116	LVSS (MAMS) Power Supply (Pt # 1896AS501-10)	1	Nov 94	GFE	Onboard
0117	Circuit Card Assembly - Asset Control (Pt # 1896AS889-02)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0118	Circuit Card Assembly - Asset Control (Pt # 1896AS889-03)	1	Nov 94	GFE	Onboard
0119	Circuit Card Assembly - Asset Control (Pt # 1896AS889-04)	1	Nov 94	GFE	Onboard
0120	Electrical Distributing System (Pt # 2049AS482-01)	1	Nov 94	GFE	Onboard
0121	Circuit Card Assembly - Power Control #1 (Pt # 2048AS464-01)	1	Nov 94	GFE	Onboard
0122	Circuit Card Assembly - Power Control #2 (Pt # 2048AS821-01)	1	Nov 94	GFE	Onboard
0123	Circuit Card Assembly - Power Control #3 (Pt # 2048AS824-01)	1	Nov 94	GFE	Onboard
0124	Circuit Card Assembly - Power Control #4 (Pt # 2049AS498-01)	1	Nov 94	GFE	Onboard
0125	Circuit Card Assembly - DTU CT 511 (Pt # 859-511-00)	1	Nov 94	GFE	Onboard
0126	Circuit Card Assembly - (MAMS) (Pt # M7622)	1	Nov 94	GFE	Onboard
0127	Receiver Subassembly - Circuit Card Assembly (MAMS((Pt # M7625-AA)	1	Nov 94	GFE	Onboard
0128	Communication Interface Unit (Pt # 2T-22477-01)	1	Nov 94	GFE	Onboard
0129	Slot O Controller (Pt # 2056AS362-01)	1	Nov 94	GFE	Onboard
GPTE					
2001	Pneumatic Console (Pt # 2051AS163-05)	1	Nov 94	GFE	Onboard
ST					
3011	Card Puller (Pt # 854-605-01)	3	Nov 94	GFE	Onboard
3017	Adapter Set (Pt # 2047AS258-01)	2	Nov 94	GFE	Onboard
3019	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 94	GFE	Onboard
3053	Plug In Unit (Pt # 70900B)	1	Nov 94	GFE	Onboard
3054	Plug In Unit (Pt # HP70100A)	1	Nov 94	GFE	Onboard
3055	DMM Multimeter (Pt # 70110A-H10)	1	Nov 94	GFE	Onboard
3056	Test Accessory Kit (Pt # 2053AS340-01)	2	Nov 94	GFE	Onboard
3057	On Site Maintenance (OSM) Connect Adapter (Pt # 3288)	2	Nov 94	GFE	Onboard
3058	Connector Adapter (Pt # 11903C)	2	Nov 94	GFE	Onboard
3059	Special Purpose Cable Assembly (Pt # 854-895-54)	4	Nov 94	GFE	Onboard
3060	Connector Extraction Tool (Pt # 910110102)	3	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

3061	Mini Extraction Tool (Pt # 910112104)	3	Nov 94	GFE	Onboard
3062	Circuit Card Assembly - Extraction Tool (Pt # 6126-978)	3	Nov 94	GFE	Onboard
GPETE					
5001	O'scope (Pt # TDS-620A)	3	Nov 94	GFE	Onboard
5004	Digital Multimeter (Pt # 77/BN)	3	Nov 94	GFE	Onboard
5007	Scope Adapter (Pt # 1688)	2	Nov 94	GFE	Onboard
SPETE					
6121	Electrical Cable Test Set (Pt # 2052AS826-TPI)	2	Nov 94	GFE	Onboard

CIN, COURSE TITLE: C-198-3069, AN/USM-636A(V) Common Operator/Maintainer Intermediate Maintenance Course (Track E-198-6102)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0025	Pressure Altimeter (Pt # NV1650AM3)	1	Nov 94	GFE	Onboard
0026	Power Supply (Pt # 1896AS300-03)	1	Nov 94	GFE	Onboard
0027	Circuit Card Assembly (Pt # 2048AS996-01)	1	Nov 94	GFE	Onboard
0028	Circuit Card Assembly (Pt # 131675-4)	1	Nov 94	GFE	Onboard
0029	Circuit Card Assembly (Pt # 859-815-00)	1	Nov 94	GFE	Onboard
0030	Speed Brake (Pt # 2100674-8-1)	1	Nov 94	GFE	Onboard
0031	Circuit Card Assembly - Power Switch (Pt # 1897AS159-01)	1	Nov 94	GFE	Onboard
0032	Receiver/Transmitter - RT-1017 (Pt # 792-6390-008)	1	Nov 94	GFE	Onboard
0033	Calibration Frequency Standard Device (CFSD) (Pt # 2049AS482-01)	1	Nov 94	GFE	Onboard
0034	Circuit Card Assembly (Pt # M7169)	1	Nov 94	GFE	Onboard
0035	Central Processing Unit (CPU) (Pt # M7625-AA)	1	Nov 94	GFE	Onboard
0036	Arbitrary Waveform Function Generator (AWFG) (Pt # 1897AS080-01)	1	Nov 94	GFE	Onboard
0037	Power Supply (Pt # 1896AS200-02)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0038	Power Supply (Pt # 1896AS300-02)	1	Nov 94	GFE	Onboard
0039	Power Supply (Pt # 1896AS300-01)	1	Nov 94	GFE	Onboard
0040	Circuit Card Assembly - Coax Switch (Pt # 1897AS162-01)	1	Nov 94	GFE	Onboard
0041	Data Indicator (Pt # A51A9010-11)	1	Nov 94	GFE	Onboard
0042	Power Supply (Pt # 1896AS501-01)	1	Nov 94	GFE	Onboard
0043	Circuit Card Assembly (Pt # 1897AS165-01)	1	Nov 94	GFE	Onboard
0044	Digital Test Unit (DTU) Channel Card (Pt # 2044AS737-01)	1	Nov 94	GFE	Onboard
0045	Plug-In Unit (Pt # 70900B)	1	Nov 94	GFE	Onboard
0046	Plug-In Unit (Pt # HP70100A)	1	Nov 94	GFE	Onboard
0047	Circuit Card Assembly - Asset Controller (Pt # 1896AS889-01)	1	Nov 94	GFE	Onboard
0048	Buffer Storage Unit (Pt # 2044AS734-01)	1	Nov 94	GFE	Onboard
0049	Circuit Card Assembly - Communication IFF (Pt # 1896AS960-001)	1	Nov 94	GFE	Onboard
0050	Multi-Purpose Clear Display (Pt # 714SUM6)	1	Nov 94	GFE	Onboard
0051	Battery Assembly (Pt # 2049AS026-01)	1	Nov 94	GFE	Onboard
0052	Receiver Transmitter - RT-1016 (Pt # 787-6568-004)	1	Nov 94	GFE	Onboard
0053	Circuit Card Assembly (Pt # A51A9011-5)	1	Nov 94	GFE	Onboard
0054	Control Generator (Pt # A51A9147-5)	1	Nov 94	GFE	Onboard
0055	Gyroscope Assembly (Pt # A51A9002-29)	1	Nov 94	GFE	Onboard
0056	Rate Gyroscope (Pt # 123D7323G7)	1	Nov 94	GFE	Onboard
0057	Generator Control Unit (Pt # 946F288-4)	1	Nov 94	GFE	Onboard
0058	Circuit Card Assembly - Power Controller (Pt # 2048AS464-01)	1	Nov 94	GFE	Onboard
0059	Load Set (Pt # 2053AS575-01)	2	Nov 94	GFE	Onboard
0060	Inertial Navigation (Pt # 2051AS163-02)	2	Nov 94	GFE	Onboard
0061	External Hard Drive (Pt # 2056AS137-01)	1	Nov 94	GFE	Onboard
ST					
3012	Optical Disks (Pt # 15176)	20	Nov 94	GFE	Onboard

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3015	Wrist Strap (Pt # 2214)	10	Nov 94	GFE	Onboard
3016	Installation Kit (Pt # 2051AS163-01)	2	Nov 94	GFE	Onboard
3017	Adapter Set (Pt # 2047AS258-01)	2	Nov 94	GFE	Onboard
3018	Soldering Station (Pt # 8007-0161)	1	Nov 94	GFE	Onboard
3019	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 94	GFE	Onboard
3020	Huntron Test Set (Pt # 2000A)	1	Nov 94	GFE	Onboard
GPETE					
5001	O'scope (Pt # TDS-620A)	3	Nov 94	GFE	Onboard
5003	Digital Multimeter (Pt # 70110A-H10)	1	Nov 94	GFE	Onboard
5004	Digital Multimeter (Pt # 77/BN)	3	Nov 94	GFE	Onboard
5005	Scope Adapter (Pt # 1688)	2	Nov 94	GFE	Onboard
SPETE					
6024	Fixture Test Set (Pt # 2053AS574-01)	2	Nov 94	GFE	Onboard
6025	Accessory Kit Self Test (Pt # 2052AS620-01)	2	Nov 94	GFE	Onboard
6026	Minor Adapter - A203 (Pt # 2052AS594-01)	2	Nov 94	GFE	Onboard
6027	Adapter Set (Pt # 2053AS573-01)	2	Nov 94	GFE	Onboard
6028	Minor Adapter (Pt # 2052AS598-01)	2	Nov 94	GFE	Onboard
6029	Minor Adapter - A204 (Pt # 2052AS597-01)	2	Nov 94	GFE	Onboard
6030	Minor Adapter - A206 (Pt # 2052AS593-01)	2	Nov 94	GFE	Onboard
6031	Adapter (Pt # 1250-0780)	2	Nov 94	GFE	Onboard
6032	Minor Adapter - A205 (Pt 2052AS595-01)	2	Nov 94	GFE	Onboard
6033	Common ID (Pt # 2051AS610-01)	2	Nov 94	GFE	Onboard
6034	Hybrid T/S CASS (Pt # 2054AS400-01)	6	Nov 94	GFE	Onboard
6035	CASS CNI T/S (Pt # 2054AS400-03)	2	Nov 94	GFE	Onboard
6036	Common ID Assembly (Pt # 2051AS610-01)	2	Nov 94	GFE	Onboard
6037	Test Accessory Kit (Pt # 2053AS340-01)	2	Nov 94	GFE	Onboard

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6038	Test Set (Pt # 1502C)	2	Nov 94	GFE	Onboard
6039	Interface Device (Pt # 2042AS006-02)	2	Nov 94	GFE	Onboard
6040	Pneumatic Console (Pt # 2051AS163-05)	2	Nov 94	GFE	Onboard
6041	Minor Adapter (Pt # 2052AS596-01)	2	Nov 94	GFE	Onboard
6042	Connector Adapter (Pt # 11903C)	2	Nov 94	GFE	Onboard
6043	CASS - RF Test Set, Block II (Pt # 2054AS400-02)	2	Nov 94	GFE	Onboard
6044	VAST Lot 6 TPS (Pt # 137919000)	1	Nov 94	GFE	Onboard
6045	UUT Power Cable Set (Pt # 000CT0001)	4	Nov 94	GFE	Onboard
6046	Bus Interface (Pt # 2051AS163-03)	2	Nov 94	GFE	Onboard

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance
(Track D-198-6103)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0062	CASS - Electro Optical (Pt # 2048AS775-04)	2	Nov 93	GFE	Onboard
ST					
3021	Connector Adapter (Pt # PE9011)	2	Nov 93	GFE	Onboard
3022	Pressure Hose (Pt # 2051AS091-01)	2	Nov 93	GFE	Onboard
3023	Pressure Hose (Pt # 2051AS092-01)	2	Nov 93	GFE	Onboard
3024	Pneumatics Installation Kit (Pt # 2048AS816-05P)	2	Nov 93	GFE	Onboard
3025	Relief Pressure Valve (Pt # SS4CPA2-3W/ORS)	2	Nov 93	GFE	Onboard
3026	Safety Relief Valve (Pt # SS4CPA2-%)W/ORS)	2	Nov 93	GFE	Onboard
3027	Dummy Load (Pt # 909D)	2	Nov 93	GFE	Onboard
3028	Low Frequency Power Meter (Pt # 436A-CS)	2	Nov 93	GFE	Onboard
SPETE					
6042	Connector Adapter (Pt # 11903C)	2	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

6043	Connector Adapter (Pt # 1250-1743)	2	Nov 93	GFE	Onboard
6044	Cable Assembly (Pt # HP10833A)	2	Nov 93	GFE	Onboard
6045	Cable Assembly (Pt # 11730A)	2	Nov 93	GFE	Onboard
6047	CASS - CNI Test Set-LRIP (Pt # 2048AS775-03)	2	Nov 93	GFE	Onboard
6048	Electrical Load Bank (Pt # 2046AS337-01)	2	Nov 93	GFE	Onboard
6049	Cable Assembly (Pt # FB0HG0HG038.0)	2	Nov 93	GFE	Onboard
6050	Connector Adapter (Pt # OJB)	2	Nov 93	GFE	Onboard
6051	Connector Adapter (Pt # OJF)	2	Nov 93	GFE	Onboard
6052	Connector Adapter (Pt # OJK)	2	Nov 93	GFE	Onboard
6053	Coupler Test Set (Pt # 2042AS005-01)	2	Nov 93	GFE	Onboard
6054	Cable Assembly Set (Pt # 2043AS302-01)	2	Nov 93	GFE	Onboard
6055	Adapter Set (Pt # 2043AS649-01)	2	Nov 93	GFE	Onboard
6056	Connector Adapter (Pt # 1250-1744)	2	Nov 93	GFE	Onboard
6057	Connector Adapter (Pt # 8022A1)	2	Nov 93	GFE	Onboard
6058	Adapter Test Set (Pt # 2047AS258-01)	2	Nov 93	GFE	Onboard
6059	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 93	GFE	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track D-198-6103)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0016	External Hard Drive (Pt # 2056AS137-01)	1	Nov 93	GFE	Onboard
0026	Power Supply (Pt # 1896AS300-03)	1	Nov 93	GFE	Onboard
0031	Circuit Card Assembly - Power Switch (Pt # 1897AS159-01)	1	Nov 93	GFE	Onboard
0035	Central Processing Unit (CPU) (Pt # M7625-AA)	1	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0037	Power Supply (Pt # 1896AS200-02)	1	Nov 93	GFE	Onboard
0038	Power Supply (Pt # 1896AS300-02)	1	Nov 93	GFE	Onboard
0039	Power Supply (Pt # 1896AS300-01)	1	Nov 93	GFE	Onboard
0040	Circuit Card Assembly - Coax Switch (Pt # 1897AS162-01)	1	Nov 93	GFE	Onboard
0041	Data Indicator (Pt # A51A9010-11)	1	Nov 93	GFE	Onboard
0042	Power Supply (Pt # 1896AS501-01)	1	Nov 93	GFE	Onboard
0043	Circuit Card Assembly (Pt # 1897AS165-01)	1	Nov 93	GFE	Onboard
0048	Buffer Storage Unit (Pt # 2044AS734-01)	1	Nov 93	GFE	Onboard
0051	Battery Assembly (Pt # 2049AS026-01)	2	Nov 93	GFE	Onboard
0053	Circuit Card Assembly (Pt # A51A9011-5)	1	Nov 93	GFE	Onboard
0054	Control Generator (Pt # A51A9147-5)	1	Nov 93	GFE	Onboard
0055	Gyroscope Assembly (Pt # A51A9002-29)	1	Nov 93	GFE	Onboard
0058	Circuit Card Assembly - Power Controller (Pt # 2048AS464-01)	1	Nov 93	GFE	Onboard
0093	Circuit Card Assembly (Pt # M7516-PA)	1	Nov 93	GFE	Onboard
0094	Circuit Card Assembly (Pt # 2044AS737-01)	1	Nov 93	GFE	Onboard
0095	Circuit Card Assembly (Pt # 1896AS889-01)	1	Nov 93	GFE	Onboard
0096	Circuit Card Assembly (Pt # 1896AS960-01)	1	Nov 93	GFE	Onboard
0097	Generator (Pt # 1897AS080-01)	1	Nov 93	GFE	Onboard
0098	Circuit Card Assembly (Pt # M719)	1	Nov 93	GFE	Onboard
0098	Circuit Card Assembly - Housekeeper (Pt # 859-815-00)	1	Nov 93	GFE	Onboard
0098	CFSD Distributing System (Pt # 2049AS82-01)	1	Nov 93	GFE	Onboard
0099	Circuit Card Assembly - MS1553 (Pt # 859-215-00)	1	Nov 93	GFE	Onboard
0100	Circuit Card Assembly - WDDA (Pt # 2048AS996-01)	1	Nov 93	GFE	Onboard
0101	LVSS (Pt # 1896AS501-01)	1	Nov 93	GFE	Onboard
0102	ASSCON (Pt # 1896AS889-01)	1	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0103	Power Supply (Pt # 1896AS300-03)	1	Nov 93	GFE	Onboard
0104	GPI Coax Switch (Pt # 1897AS165-01)	1	Nov 93	GFE	Onboard
0105	SGMA (Pt # 22036AS001-01)	1	Nov 93	GFE	Onboard
0106	Circuit Card Assembly - Channel (Pt # M-890-03)	1	Nov 93	GFE	Onboard
0107	LWPL (Pt # 1897AS247-01)	1	Nov 93	GFE	Onboard
0108	DTU Backplane (Pt # 854-895-75)	1	Nov 93	GFE	Onboard
0109	CASS Hybrid Test Station (Pt # 2054AS400-01)	6	Nov 93	GFE	Onboard
0110	CASS CNI Test Station (Pt # 2054AS400-03)	2	Nov 93	GFE	Onboard
0111	CASS RF Test Station (Pt # 2054AS400-02)	2	Nov 93	GFE	Onboard
0112	Common Interface Device Assembly (Pt # 2051AS610-01)	2	Nov 93	GFE	Onboard
0113	Interface Device (Pt # 2042AS006-01)	2	Nov 93	GFE	Onboard
0114	LVSS (MAMS) Power Supply (Pt # 1896AS501-04)	1	Nov 93	GFE	Onboard
0115	LVSS (MAMS) Power Supply (Pt # 1896AS501-05)	1	Nov 93	GFE	Onboard
0116	LVSS (MAMS) Power Supply (Pt # 1896AS501-10)	1	Nov 93	GFE	Onboard
0117	Circuit Card Assembly - Asset Control (Pt # 1896AS889-02)	1	Nov 93	GFE	Onboard
0118	Circuit Card Assembly - Asset Control (Pt # 1896AS889-03)	1	Nov 93	GFE	Onboard
0119	Circuit Card Assembly - Asset Control (Pt # 1896AS889-04)	1	Nov 93	GFE	Onboard
0120	Electrical Distributing System (Pt # 2049AS482-01)	1	Nov 93	GFE	Onboard
0121	Circuit Card Assembly - Power Control #1 (Pt # 2048AS464-01)	1	Nov 93	GFE	Onboard
0122	Circuit Card Assembly - Power Control #2 (Pt # 2048AS821-01)	1	Nov 93	GFE	Onboard
0123	Circuit Card Assembly - Power Control #3 (Pt # 2048AS824-01)	1	Nov 93	GFE	Onboard
0124	Circuit Card Assembly - Power Control #4 (Pt # 2049AS498-01)	1	Nov 93	GFE	Onboard
0125	Circuit Card Assembly - DTU CT 511 (Pt # 859-511-00)	1	Nov 93	GFE	Onboard
0126	Circuit Card Assembly - (MAMS) (Pt # M7622)	1	Nov 93	GFE	Onboard
0127	Receiver Subassembly - Circuit Card Assembly (MAMS((Pt # M7625-AA)	1	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0128	Communication Interface Unit (Pt # 2T-22477-01)	1	Nov 93	GFE	Onboard
0129	Slot O Controller (Pt # 2056AS362-01)	1	Nov 93	GFE	Onboard
GPTE					
2001	Pneumatic Console (Pt # 2051AS163-05)	1	Nov 93	GFE	Onboard
ST					
3011	Card Puller (Pt # 854-605-01)	3	Nov 93	GFE	Onboard
3017	Adapter Set (Pt # 2047AS258-01)	2	Nov 93	GFE	Onboard
3019	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 93	GFE	Onboard
3053	Plug In Unit (Pt # 70900B)	1	Nov 93	GFE	Onboard
3054	Plug In Unit (Pt # HP70100A)	1	Nov 93	GFE	Onboard
3055	DMM Multimeter (Pt # 70110A-H10)	1	Nov 93	GFE	Onboard
3056	Test Accessory Kit (Pt # 2053AS340-01)	2	Nov 93	GFE	Onboard
3057	On Site Maintenance (OSM) Connect Adapter (Pt # 3288)	2	Nov 93	GFE	Onboard
3058	Connector Adapter (Pt # 11903C)	2	Nov 93	GFE	Onboard
3059	Special Purpose Cable Assembly (Pt # 854-895-54)	4	Nov 93	GFE	Onboard
3060	Connector Extraction Tool (Pt # 910110102)	3	Nov 93	GFE	Onboard
3061	Mini Extraction Tool (Pt # 910112104)	3	Nov 93	GFE	Onboard
3062	Circuit Card Assembly - Extraction Tool (Pt # 6126-978)	3	Nov 93	GFE	Onboard
GPETE					
5001	O'scope (Pt # TDS-620A)	3	Nov 93	GFE	Onboard
5004	Digital Multimeter (Pt # 77/BN)	3	Nov 93	GFE	Onboard
5007	Scope Adapter (Pt # 1688)	2	Nov 93	GFE	Onboard
SPETE					
6121	Electrical Cable Test Set (Pt # 2052AS826-TPI)	2	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-198-3069, AN/USM-636A(V) Common Operator/Maintainer Intermediate Maintenance Course (Track D-198-6103)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0025	Pressure Altimeter (Pt # NV1650AM3)	1	Nov 93	GFE	Onboard
0026	Power Supply (Pt # 1896AS300-03)	1	Nov 93	GFE	Onboard
0027	Circuit Card Assembly (Pt # 2048AS996-01)	1	Nov 93	GFE	Onboard
0028	Circuit Card Assembly (Pt # 131675-4)	1	Nov 93	GFE	Onboard
0029	Circuit Card Assembly (Pt # 859-815-00)	1	Nov 93	GFE	Onboard
0030	Speed Brake (Pt # 2100674-8-1)	1	Nov 93	GFE	Onboard
0031	Circuit Card Assembly - Power Switch (Pt # 1897AS159-01)	1	Nov 93	GFE	Onboard
0032	Receiver/Transmitter - RT-1017 (Pt # 792-6390-008)	1	Nov 93	GFE	Onboard
0033	Calibration Frequency Standard Device (CFSD) (Pt # 2049AS482-01)	1	Nov 93	GFE	Onboard
0034	Circuit Card Assembly (Pt # M7169)	1	Nov 93	GFE	Onboard
0035	Central Processing Unit (CPU) (Pt # M7625-AA)	1	Nov 93	GFE	Onboard
0036	Arbitrary Waveform Function Generator (AWFG) (Pt # 1897AS080-01)	1	Nov 93	GFE	Onboard
0037	Power Supply (Pt # 1896AS200-02)	1	Nov 93	GFE	Onboard
0038	Power Supply (Pt # 1896AS300-02)	1	Nov 93	GFE	Onboard
0039	Power Supply (Pt # 1896AS300-01)	1	Nov 93	GFE	Onboard
0040	Circuit Card Assembly - Coax Switch (Pt # 1897AS162-01)	1	Nov 93	GFE	Onboard
0041	Data Indicator (Pt # A51A9010-11)	1	Nov 93	GFE	Onboard
0042	Power Supply (Pt # 1896AS501-01)	1	Nov 93	GFE	Onboard
0043	Circuit Card Assembly (Pt # 1897AS165-01)	1	Nov 93	GFE	Onboard
0044	Digital Test Unit (DTU) Channel Card (Pt # 2044AS737-01)	1	Nov 93	GFE	Onboard
0045	Plug-In Unit (Pt # 70900B)	1	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0046	Plug-In Unit (Pt # HP70100A)	1	Nov 93	GFE	Onboard
0047	Circuit Card Assembly - Asset Controller (Pt # 1896AS889-01)	1	Nov 93	GFE	Onboard
0048	Buffer Storage Unit (Pt # 2044AS734-01)	1	Nov 93	GFE	Onboard
0049	Circuit Card Assembly - Communication IFF (Pt # 1896AS960-001)	1	Nov 93	GFE	Onboard
0050	Multi-Purpose Clear Display (Pt # 714SUM6)	1	Nov 93	GFE	Onboard
0051	Battery Assembly (Pt # 2049AS026-01)	1	Nov 93	GFE	Onboard
0052	Receiver Transmitter - RT-1016 (Pt # 787-6568-004)	1	Nov 93	GFE	Onboard
0053	Circuit Card Assembly (Pt # A51A9011-5)	1	Nov 93	GFE	Onboard
0054	Control Generator (Pt # A51A9147-5)	1	Nov 93	GFE	Onboard
0055	Gyroscope Assembly (Pt # A51A9002-29)	1	Nov 93	GFE	Onboard
0056	Rate Gyroscope (Pt # 123D7323G7)	1	Nov 93	GFE	Onboard
0057	Generator Control Unit (Pt # 946F288-4)	1	Nov 93	GFE	Onboard
0058	Circuit Card Assembly - Power Controller (Pt # 2048AS464-01)	1	Nov 93	GFE	Onboard
0059	Load Set (Pt # 2053AS575-01)	2	Nov 93	GFE	Onboard
0060	Inertial Navigation (Pt # 2051AS163-02)	2	Nov 93	GFE	Onboard
0061	External Hard Drive (Pt # 2056AS137-01)	1	Nov 93	GFE	Onboard
ST					
3012	Optical Disks (Pt # 15176)	20	Nov 93	GFE	Onboard
3015	Wrist Strap (Pt # 2214)	10	Nov 93	GFE	Onboard
3016	Installation Kit (Pt # 2051AS163-01)	2	Nov 93	GFE	Onboard
3017	Adapter Set (Pt # 2047AS258-01)	2	Nov 93	GFE	Onboard
3018	Soldering Station (Pt # 8007-0161)	1	Nov 93	GFE	Onboard
3019	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 93	GFE	Onboard
3020	Huntron Test Set (Pt # 2000A)	1	Nov 93	GFE	Onboard
GPETE					
5001	O'scope (Pt # TDS-620A)	3	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

5003	Digital Multimeter (Pt # 70110A-H10)	1	Nov 93	GFE	Onboard
5004	Digital Multimeter (Pt # 77/BN)	3	Nov 93	GFE	Onboard
5005	Scope Adapter (Pt # 1688)	2	Nov 93	GFE	Onboard
SPETE					
6024	Fixture Test Set (Pt # 2053AS574-01)	2	Nov 93	GFE	Onboard
6025	Accessory Kit Self Test (Pt # 2052AS620-01)	2	Nov 93	GFE	Onboard
6026	Minor Adapter - A203 (Pt # 2052AS594-01)	2	Nov 93	GFE	Onboard
6027	Adapter Set (Pt # 2053AS573-01)	2	Nov 93	GFE	Onboard
6028	Minor Adapter (Pt # 2052AS598-01)	2	Nov 93	GFE	Onboard
6029	Minor Adapter - A204 (Pt # 2052AS597-01)	2	Nov 93	GFE	Onboard
6030	Minor Adapter - A206 (Pt # 2052AS593-01)	2	Nov 93	GFE	Onboard
6031	Adapter (Pt # 1250-0780)	2	Nov 93	GFE	Onboard
6032	Minor Adapter - A205 (Pt # 2052AS595-01)	2	Nov 93	GFE	Onboard
6033	Common ID (Pt # 2051AS610-01)	2	Nov 93	GFE	Onboard
6034	Hybrid T/S CASS (Pt # 2054AS400-01)	6	Nov 93	GFE	Onboard
6035	CASS CNI T/S (Pt # 2054AS400-03)	2	Nov 93	GFE	Onboard
6036	Common ID Assembly (Pt # 2051AS610-01)	2	Nov 93	GFE	Onboard
6037	Test Accessory Kit (Pt # 2053AS340-01)	2	Nov 93	GFE	Onboard
6038	Test Set (Pt # 1502C)	2	Nov 93	GFE	Onboard
6039	Interface Device (Pt # 2042AS006-02)	2	Nov 93	GFE	Onboard
6040	Pneumatic Console (Pt # 2051AS163-05)	2	Nov 93	GFE	Onboard
6041	Minor Adapter (Pt # 2052AS596-01)	2	Nov 93	GFE	Onboard
6042	Connector Adapter (Pt # 11903C)	2	Nov 93	GFE	Onboard
6043	CASS - RF Test Set, Block II (Pt # 2054AS400-02)	2	Nov 93	GFE	Onboard
6044	VAST Lot 6 TPS (Pt # 137919000)	1	Nov 93	GFE	Onboard
6045	UUT Power Cable Set (Pt # 000CT0001)	4	Nov 93	GFE	Onboard
6046	Bus Interface (Pt # 2051AS163-03)	2	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance
 (Track E-198-6103)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0062	CASS - Electro Optical (Pt # 2048AS775-04)	2	Nov 94	GFE	Onboard
ST					
3021	Connector Adapter (Pt # PE9011)	2	Nov 94	GFE	Onboard
3022	Pressure Hose (Pt # 2051AS091-01)	2	Nov 94	GFE	Onboard
3023	Pressure Hose (Pt # 2051AS092-01)	2	Nov 94	GFE	Onboard
3024	Pneumatics Installation Kit (Pt # 2048AS816-05P)	2	Nov 94	GFE	Onboard
3025	Relief Pressure Valve (Pt # SS4CPA2-3W/ORS)	2	Nov 94	GFE	Onboard
3026	Safety Relief Valve (Pt # SS4CPA2-%)W/ORS)	2	Nov 94	GFE	Onboard
3027	Dummy Load (Pt # 909D)	2	Nov 94	GFE	Onboard
3028	Low Frequency Power Meter (Pt # 436A-CS)	2	Nov 94	GFE	Onboard
SPETE					
6042	Connector Adapter (Pt # 11903C)	2	Nov 94	GFE	Onboard
6043	Connector Adapter (Pt # 1250-1743)	2	Nov 94	GFE	Onboard
6044	Cable Assembly (Pt # HP10833A)	2	Nov 94	GFE	Onboard
6045	Cable Assembly (Pt # 11730A)	2	Nov 94	GFE	Onboard
6047	CASS - CNI Test Set-LRIP (Pt # 2048AS775-03)	2	Nov 94	GFE	Onboard
6048	Electrical Load Bank (Pt # 2046AS337-01)	2	Nov 94	GFE	Onboard
6049	Cable Assembly (Pt # FB0HG0HG038.0)	2	Nov 94	GFE	Onboard
6050	Connector Adapter (Pt # OJB)	2	Nov 94	GFE	Onboard
6051	Connector Adapter (Pt # OJF)	2	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

6052	Connector Adapter (Pt # OJK)	2	Nov 94	GFE	Onboard
6053	Coupler Test Set (Pt # 2042AS005-01)	2	Nov 94	GFE	Onboard
6054	Cable Assembly Set (Pt # 2043AS302-01)	2	Nov 94	GFE	Onboard
6055	Adapter Set (Pt # 2043AS649-01)	2	Nov 94	GFE	Onboard
6056	Connector Adapter (Pt # 1250-1744)	2	Nov 94	GFE	Onboard
6057	Connector Adapter (Pt # 8022A1)	2	Nov 94	GFE	Onboard
6058	Adapter Test Set (Pt # 2047AS258-01)	2	Nov 94	GFE	Onboard
6059	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 94	GFE	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6103)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0016	External Hard Drive (Pt # 2056AS137-01)	1	Nov 94	GFE	Onboard
0026	Power Supply (Pt # 1896AS300-03)	1	Nov 94	GFE	Onboard
0031	Circuit Card Assembly - Power Switch (Pt # 1897AS159-01)	1	Nov 94	GFE	Onboard
0035	Central Processing Unit (CPU) (Pt # M7625-AA)	1	Nov 94	GFE	Onboard
0037	Power Supply (Pt # 1896AS200-02)	1	Nov 94	GFE	Onboard
0038	Power Supply (Pt # 1896AS300-02)	1	Nov 94	GFE	Onboard
0039	Power Supply (Pt # 1896AS300-01)	1	Nov 94	GFE	Onboard
0040	Circuit Card Assembly - Coax Switch (Pt # 1897AS162-01)	1	Nov 94	GFE	Onboard
0041	Data Indicator (Pt # A51A9010-11)	1	Nov 94	GFE	Onboard
0042	Power Supply (Pt # 1896AS501-01)	1	Nov 94	GFE	Onboard
0043	Circuit Card Assembly (Pt # 1897AS165-01)	1	Nov 94	GFE	Onboard
0048	Buffer Storage Unit (Pt # 2044AS734-01)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0051	Battery Assembly (Pt # 2049AS026-01)	2	Nov 94	GFE	Onboard
0053	Circuit Card Assembly (Pt # A51A9011-5)	1	Nov 94	GFE	Onboard
0054	Control Generator (Pt # A51A9147-5)	1	Nov 94	GFE	Onboard
0055	Gyroscope Assembly (Pt # A51A9002-29)	1	Nov 94	GFE	Onboard
0058	Circuit Card Assembly - Power Controller (Pt # 2048AS464-01)	1	Nov 94	GFE	Onboard
0093	Circuit Card Assembly (Pt # M7516-PA)	1	Nov 94	GFE	Onboard
0094	Circuit Card Assembly (Pt # 2044AS737-01)	1	Nov 94	GFE	Onboard
0095	Circuit Card Assembly (Pt # 1896AS889-01)	1	Nov 94	GFE	Onboard
0096	Circuit Card Assembly (Pt # 1896AS960-01)	1	Nov 94	GFE	Onboard
0097	Generator (Pt # 1897AS080-01)	1	Nov 94	GFE	Onboard
0098	Circuit Card Assembly - Housekeeper (Pt # 859-815-00)	1	Nov 94	GFE	Onboard
0098	Circuit Card Assembly (Pt # M719)	1	Nov 94	GFE	Onboard
0098	CFSD Distributing System (Pt # 2049AS82-01)	1	Nov 94	GFE	Onboard
0099	Circuit Card Assembly - MS1553 (Pt # 859-215-00)	1	Nov 94	GFE	Onboard
0100	Circuit Card Assembly - WDDA (Pt # 2048AS996-01)	1	Nov 94	GFE	Onboard
0101	LVSS (Pt # 1896AS501-01)	1	Nov 94	GFE	Onboard
0102	ASSCON (Pt # 1896AS889-01)	1	Nov 94	GFE	Onboard
0103	Power Supply (Pt # 1896AS300-03)	1	Nov 94	GFE	Onboard
0104	GPI Coax Switch (Pt # 1897AS165-01)	1	Nov 94	GFE	Onboard
0105	SGMA (Pt # 22036AS001-01)	1	Nov 94	GFE	Onboard
0106	Circuit Card Assembly - Channel (Pt # M-890-03)	1	Nov 94	GFE	Onboard
0107	LWPL (Pt # 1897AS247-01)	1	Nov 94	GFE	Onboard
0108	DTU Backplane (Pt # 854-895-75)	1	Nov 94	GFE	Onboard
0109	CASS Hybrid Test Station (Pt # 2054AS400-01)	6	Nov 94	GFE	Onboard
0110	CASS CNI Test Station (Pt # 2054AS400-03)	2	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0111	CASS RF Test Station (Pt # 2054AS400-02)	2	Nov 94	GFE	Onboard
0112	Common Interface Device Assembly (Pt # 2051AS610-01)	2	Nov 94	GFE	Onboard
0113	Interface Device (Pt # 2042AS006-01)	2	Nov 94	GFE	Onboard
0114	LVSS (MAMS) Power Supply (Pt # 1896AS501-04)	1	Nov 94	GFE	Onboard
0115	LVSS (MAMS) Power Supply (Pt # 1896AS501-05)	1	Nov 94	GFE	Onboard
0116	LVSS (MAMS) Power Supply (Pt # 1896AS501-10)	1	Nov 94	GFE	Onboard
0117	Circuit Card Assembly - Asset Control (Pt # 1896AS889-02)	1	Nov 94	GFE	Onboard
0118	Circuit Card Assembly - Asset Control (Pt # 1896AS889-03)	1	Nov 94	GFE	Onboard
0119	Circuit Card Assembly - Asset Control (Pt # 1896AS889-04)	1	Nov 94	GFE	Onboard
0120	Electrical Distributing System (Pt # 2049AS482-01)	1	Nov 94	GFE	Onboard
0121	Circuit Card Assembly - Power Control #1 (Pt # 2048AS464-01)	1	Nov 94	GFE	Onboard
0122	Circuit Card Assembly - Power Control #2 (Pt # 2048AS821-01)	1	Nov 94	GFE	Onboard
0123	Circuit Card Assembly - Power Control #3 (Pt # 2048AS824-01)	1	Nov 94	GFE	Onboard
0124	Circuit Card Assembly - Power Control #4 (Pt # 2049AS498-01)	1	Nov 94	GFE	Onboard
0125	Circuit Card Assembly - DTU CT 511 (Pt # 859-511-00)	1	Nov 94	GFE	Onboard
0126	Circuit Card Assembly - (MAMS) (Pt # M7622)	1	Nov 94	GFE	Onboard
0127	Receiver Subassembly - Circuit Card Assembly (MAMS) (Pt # M7625-AA)	1	Nov 94	GFE	Onboard
0128	Communication Interface Unit (Pt # 2T-22477-01)	1	Nov 94	GFE	Onboard
0129	Slot O Controller (Pt # 2056AS362-01)	1	Nov 94	GFE	Onboard
GPTE					
2001	Pneumatic Console (Pt # 2051AS163-05)	1	Nov 94	GFE	Onboard
ST					
3011	Card Puller (Pt # 854-605-01)	3	Nov 94	GFE	Onboard
3017	Adapter Set (Pt # 2047AS258-01)	2	Nov 94	GFE	Onboard
3019	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 94	GFE	Onboard
3053	Plug In Unit (Pt # 70900B)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

3054	Plug In Unit (Pt # HP70100A)	1	Nov 94	GFE	Onboard
3055	DMM Multimeter (Pt # 70110A-H10)	1	Nov 94	GFE	Onboard
3056	Test Accessory Kit (Pt # 2053AS340-01)	2	Nov 94	GFE	Onboard
3057	On Site Maintenance (OSM) Connect Adapter (Pt # 3288)	2	Nov 94	GFE	Onboard
3058	Connector Adapter (Pt # 11903C)	2	Nov 94	GFE	Onboard
3059	Special Purpose Cable Assembly (Pt # 854-895-54)	4	Nov 94	GFE	Onboard
3060	Connector Extraction Tool (Pt # 910110102)	3	Nov 94	GFE	Onboard
3061	Mini Extraction Tool (Pt # 910112104)	3	Nov 94	GFE	Onboard
3062	Circuit Card Assembly - Extraction Tool (Pt # 6126-978)	3	Nov 94	GFE	Onboard
GPETE					
5001	O'scope (Pt # TDS-620A)	3	Nov 94	GFE	Onboard
5004	Digital Multimeter (Pt # 77/BN)	3	Nov 94	GFE	Onboard
5007	Scope Adapter (Pt # 1688)	2	Nov 94	GFE	Onboard
SPETE					
6121	Electrical Cable Test Set (Pt # 2052AS826-TPI)	2	Nov 94	GFE	Onboard

CIN, COURSE TITLE: C-198-3069, AN/USM-636A(V) Common Operator/Maintainer Intermediate Maintenance Course (Track E-198-6103)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0025	Pressure Altimeter (Pt # NV1650AM3)	1	Nov 94	GFE	Onboard
0026	Power Supply (Pt # 1896AS300-03)	1	Nov 94	GFE	Onboard
0027	Circuit Card Assembly (Pt # 2048AS996-01)	1	Nov 94	GFE	Onboard
0028	Circuit Card Assembly (Pt # 131675-4)	1	Nov 94	GFE	Onboard
0029	Circuit Card Assembly (Pt # 859-815-00)	1	Nov 94	GFE	Onboard
0030	Speed Brake (Pt # 2100674-8-1)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0031	Circuit Card Assembly - Power Switch (Pt # 1897AS159-01)	1	Nov 94	GFE	Onboard
0032	Receiver/Transmitter - RT-1017 (Pt # 792-6390-008)	1	Nov 94	GFE	Onboard
0033	Calibration Frequency Standard Device (CFSD) (Pt # 2049AS482-01)	1	Nov 94	GFE	Onboard
0034	Circuit Card Assembly (Pt # M7169)	1	Nov 94	GFE	Onboard
0035	Central Processing Unit (CPU) (Pt # M7625-AA)	1	Nov 94	GFE	Onboard
0036	Arbitrary Waveform Function Generator (AWFG) (Pt # 1897AS080-01)	1	Nov 94	GFE	Onboard
0037	Power Supply (Pt # 1896AS200-02)	1	Nov 94	GFE	Onboard
0038	Power Supply (Pt # 1896AS300-02)	1	Nov 94	GFE	Onboard
0039	Power Supply (Pt # 1896AS300-01)	1	Nov 94	GFE	Onboard
0040	Circuit Card Assembly - Coax Switch (Pt # 1897AS162-01)	1	Nov 94	GFE	Onboard
0041	Data Indicator (Pt # A51A9010-11)	1	Nov 94	GFE	Onboard
0042	Power Supply (Pt # 1896AS501-01)	1	Nov 94	GFE	Onboard
0043	Circuit Card Assembly (Pt # 1897AS165-01)	1	Nov 94	GFE	Onboard
0044	Digital Test Unit (DTU) Channel Card (Pt # 2044AS737-01)	1	Nov 94	GFE	Onboard
0045	Plug-In Unit (Pt # 70900B)	1	Nov 94	GFE	Onboard
0046	Plug-In Unit (Pt # HP70100A)	1	Nov 94	GFE	Onboard
0047	Circuit Card Assembly - Asset Controller (Pt # 1896AS889-01)	1	Nov 94	GFE	Onboard
0048	Buffer Storage Unit (Pt # 2044AS734-01)	1	Nov 94	GFE	Onboard
0049	Circuit Card Assembly - Communication IFF (Pt # 1896AS960-001)	1	Nov 94	GFE	Onboard
0050	Multi-Purpose Clear Display (Pt # 714SUM6)	1	Nov 94	GFE	Onboard
0051	Battery Assembly (Pt # 2049AS026-01)	1	Nov 94	GFE	Onboard
0052	Receiver Transmitter - RT-1016 (Pt # 787-6568-004)	1	Nov 94	GFE	Onboard
0053	Circuit Card Assembly (Pt # A51A9011-5)	1	Nov 94	GFE	Onboard
0054	Control Generator (Pt # A51A9147-5)	1	Nov 94	GFE	Onboard
0055	Gyroscope Assembly (Pt # A51A9002-29)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0056	Rate Gyroscope (Pt # 123D7323G7)	1	Nov 94	GFE	Onboard
0057	Generator Control Unit (Pt # 946F288-4)	1	Nov 94	GFE	Onboard
0058	Circuit Card Assembly - Power Controller (Pt # 2048AS464-01)	1	Nov 94	GFE	Onboard
0059	Load Set (Pt # 2053AS575-01)	2	Nov 94	GFE	Onboard
0060	Inertial Navigation (Pt # 2051AS163-02)	2	Nov 94	GFE	Onboard
0061	External Hard Drive (Pt # 2056AS137-01)	1	Nov 94	GFE	Onboard
ST					
3012	Optical Disks (Pt # 15176)	20	Nov 94	GFE	Onboard
3015	Wrist Strap (Pt # 2214)	10	Nov 94	GFE	Onboard
3016	Installation Kit (Pt # 2051AS163-01)	2	Nov 94	GFE	Onboard
3017	Adapter Set (Pt # 2047AS258-01)	2	Nov 94	GFE	Onboard
3018	Soldering Station (Pt # 8007-0161)	1	Nov 94	GFE	Onboard
3019	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 94	GFE	Onboard
3020	Huntron Test Set (Pt # 2000A)	1	Nov 94	GFE	Onboard
GPETE					
5001	O'scope (Pt # TDS-620A)	3	Nov 94	GFE	Onboard
5003	Digital Multimeter (Pt # 70110A-H10)	1	Nov 94	GFE	Onboard
5004	Digital Multimeter (Pt # 77/BN)	3	Nov 94	GFE	Onboard
5005	Scope Adapter (Pt # 1688)	2	Nov 94	GFE	Onboard
SPETE					
6024	Fixture Test Set (Pt # 2053AS574-01)	2	Nov 94	GFE	Onboard
6025	Accessory Kit Self Test (Pt # 2052AS620-01)	2	Nov 94	GFE	Onboard
6026	Minor Adapter - A203 (Pt # 2052AS594-01)	2	Nov 94	GFE	Onboard
6027	Adapter Set (Pt # 2053AS573-01)	2	Nov 94	GFE	Onboard
6028	Minor Adapter (Pt # 2052AS598-01)	2	Nov 94	GFE	Onboard
6029	Minor Adapter - A204 (Pt # 2052AS597-01)	2	Nov 94	GFE	Onboard
6030	Minor Adapter - A206 (Pt # 2052AS593-01)	2	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

6031	Adapter (Pt # 1250-0780)	2	Nov 94	GFE	Onboard
6032	Minor Adapter - A205 (Pt # 2052AS595-01)	2	Nov 94	GFE	Onboard
6033	Common ID (Pt # 2051AS610-01)	2	Nov 94	GFE	Onboard
6034	Hybrid T/S CASS (Pt # 2054AS400-01)	6	Nov 94	GFE	Onboard
6035	CASS CNI T/S (Pt # 2054AS400-03)	2	Nov 94	GFE	Onboard
6036	Common ID Assembly (Pt # 2051AS610-01)	2	Nov 94	GFE	Onboard
6037	Test Accessory Kit (Pt # 2053AS340-01)	2	Nov 94	GFE	Onboard
6038	Test Set (Pt # 1502C)	2	Nov 94	GFE	Onboard
6039	Interface Device (Pt # 2042AS006-02)	2	Nov 94	GFE	Onboard
6040	Pneumatic Console (Pt # 2051AS163-05)	2	Nov 94	GFE	Onboard
6041	Minor Adapter (Pt # 2052AS596-01)	2	Nov 94	GFE	Onboard
6042	Connector Adapter (Pt # 11903C)	2	Nov 94	GFE	Onboard
6043	CASS - RF Test Set, Block II (Pt # 2054AS400-02)	2	Nov 94	GFE	Onboard
6044	VAST Lot 6 TPS (Pt # 137919000)	1	Nov 94	GFE	Onboard
6045	UUT Power Cable Set (Pt # 000CT0001)	4	Nov 94	GFE	Onboard
6046	Bus Interface (Pt # 2051AS163-03)	2	Nov 94	GFE	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track D-198-6104)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0016	External Hard Drive (Pt # 2056AS137-01)	1	Nov 93	GFE	Onboard
0026	Power Supply (Pt # 1896AS300-03)	1	Nov 93	GFE	Onboard
0031	Circuit Card Assembly - Power Switch (Pt # 1897AS159-01)	1	Nov 93	GFE	Onboard
0035	Central Processing Unit (CPU) (Pt # M7625-AA)	1	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0037	Power Supply (Pt # 1896AS200-02)	1	Nov 93	GFE	Onboard
0038	Power Supply (Pt # 1896AS300-02)	1	Nov 93	GFE	Onboard
0039	Power Supply (Pt # 1896AS300-01)	1	Nov 93	GFE	Onboard
0040	Circuit Card Assembly - Coax Switch (Pt # 1897AS162-01)	1	Nov 93	GFE	Onboard
0041	Data Indicator (Pt # A51A9010-11)	1	Nov 93	GFE	Onboard
0042	Power Supply (Pt # 1896AS501-01)	1	Nov 93	GFE	Onboard
0043	Circuit Card Assembly (Pt # 1897AS165-01)	1	Nov 93	GFE	Onboard
0048	Buffer Storage Unit (Pt # 2044AS734-01)	1	Nov 93	GFE	Onboard
0051	Battery Assembly (Pt # 2049AS026-01)	2	Nov 93	GFE	Onboard
0053	Circuit Card Assembly (Pt # A51A9011-5)	1	Nov 93	GFE	Onboard
0054	Control Generator (Pt # A51A9147-5)	1	Nov 93	GFE	Onboard
0055	Gyroscope Assembly (Pt # A51A9002-29)	1	Nov 93	GFE	Onboard
0058	Circuit Card Assembly - Power Controller (Pt # 2048AS464-01)	1	Nov 93	GFE	Onboard
0093	Circuit Card Assembly (Pt # M7516-PA)	1	Nov 93	GFE	Onboard
0094	Circuit Card Assembly (Pt # 2044AS737-01)	1	Nov 93	GFE	Onboard
0095	Circuit Card Assembly (Pt # 1896AS889-01)	1	Nov 93	GFE	Onboard
0096	Circuit Card Assembly (Pt # 1896AS960-01)	1	Nov 93	GFE	Onboard
0097	Generator (Pt # 1897AS080-01)	1	Nov 93	GFE	Onboard
0098	Circuit Card Assembly (Pt # M719)	1	Nov 93	GFE	Onboard
0098	Circuit Card Assembly - Housekeeper (Pt # 859-815-00)	1	Nov 93	GFE	Onboard
0098	CFSD Distributing System (Pt # 2049AS82-01)	1	Nov 93	GFE	Onboard
0099	Circuit Card Assembly - MS1553 (Pt # 859-215-00)	1	Nov 93	GFE	Onboard
0100	Circuit Card Assembly - WDDA (Pt # 2048AS996-01)	1	Nov 93	GFE	Onboard
0101	LVSS (Pt # 1896AS501-01)	1	Nov 93	GFE	Onboard
0102	ASSCON (Pt # 1896AS889-01)	1	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0103	Power Supply (Pt # 1896AS300-03)	1	Nov 93	GFE	Onboard
0104	GPI Coax Switch (Pt # 1897AS165-01)	1	Nov 93	GFE	Onboard
0105	SGMA (Pt # 22036AS001-01)	1	Nov 93	GFE	Onboard
0106	Circuit Card Assembly - Channel (Pt # M-890-03)	1	Nov 93	GFE	Onboard
0107	LWPL (Pt # 1897AS247-01)	1	Nov 93	GFE	Onboard
0108	DTU Backplane (Pt # 854-895-75)	1	Nov 93	GFE	Onboard
0109	CASS Hybrid Test Station (Pt # 2054AS400-01)	6	Nov 93	GFE	Onboard
0110	CASS CNI Test Station (Pt # 2054AS400-03)	2	Nov 93	GFE	Onboard
0111	CASS RF Test Station (Pt # 2054AS400-02)	2	Nov 93	GFE	Onboard
0112	Common Interface Device Assembly (Pt # 2051AS610-01)	2	Nov 93	GFE	Onboard
0113	Interface Device (Pt # 2042AS006-01)	2	Nov 93	GFE	Onboard
0114	LVSS (MAMS) Power Supply (Pt # 1896AS501-04)	1	Nov 93	GFE	Onboard
0115	LVSS (MAMS) Power Supply (Pt # 1896AS501-05)	1	Nov 93	GFE	Onboard
0116	LVSS (MAMS) Power Supply (Pt # 1896AS501-10)	1	Nov 93	GFE	Onboard
0117	Circuit Card Assembly - Asset Control (Pt # 1896AS889-02)	1	Nov 93	GFE	Onboard
0118	Circuit Card Assembly - Asset Control (Pt # 1896AS889-03)	1	Nov 93	GFE	Onboard
0119	Circuit Card Assembly - Asset Control (Pt # 1896AS889-04)	1	Nov 93	GFE	Onboard
0120	Electrical Distributing System (Pt # 2049AS482-01)	1	Nov 93	GFE	Onboard
0121	Circuit Card Assembly - Power Control #1 (Pt # 2048AS464-01)	1	Nov 93	GFE	Onboard
0122	Circuit Card Assembly - Power Control #2 (Pt # 2048AS821-01)	1	Nov 93	GFE	Onboard
0123	Circuit Card Assembly - Power Control #3 (Pt # 2048AS824-01)	1	Nov 93	GFE	Onboard
0124	Circuit Card Assembly - Power Control #4 (Pt # 2049AS498-01)	1	Nov 93	GFE	Onboard
0125	Circuit Card Assembly - DTU CT 511 (Pt # 859-511-00)	1	Nov 93	GFE	Onboard
0126	Circuit Card Assembly - (MAMS) (Pt # M7622)	1	Nov 93	GFE	Onboard
0127	Receiver Subassembly - Circuit Card Assembly (MAMS) (Pt # M7625-AA)	1	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0128	Communication Interface Unit (Pt # 2T-22477-01)	1	Nov 93	GFE	Onboard
0129	Slot O Controller (Pt # 2056AS362-01)	1	Nov 93	GFE	Onboard
GPTE					
2001	Pneumatic Console (Pt # 2051AS163-05)	1	Nov 93	GFE	Onboard
ST					
3011	Card Puller (Pt # 854-605-01)	3	Nov 93	GFE	Onboard
3017	Adapter Set (Pt # 2047AS258-01)	2	Nov 93	GFE	Onboard
3019	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 93	GFE	Onboard
3053	Plug In Unit (Pt # 70900B)	1	Nov 93	GFE	Onboard
3054	Plug In Unit (Pt # HP70100A)	1	Nov 93	GFE	Onboard
3055	DMM Multimeter (Pt # 70110A-H10)	1	Nov 93	GFE	Onboard
3056	Test Accessory Kit (Pt # 2053AS340-01)	2	Nov 93	GFE	Onboard
3057	On Site Maintenance (OSM) Connect Adapter (Pt # 3288)	2	Nov 93	GFE	Onboard
3058	Connector Adapter (Pt # 11903C)	2	Nov 93	GFE	Onboard
3059	Special Purpose Cable Assembly (Pt # 854-895-54)	4	Nov 93	GFE	Onboard
3060	Connector Extraction Tool (Pt # 910110102)	3	Nov 93	GFE	Onboard
3061	Mini Extraction Tool (Pt # 910112104)	3	Nov 93	GFE	Onboard
3062	Circuit Card Assembly - Extraction Tool (Pt # 6126-978)	3	Nov 93	GFE	Onboard
GPETE					
5001	O'scope (Pt # TDS-620A)	3	Nov 93	GFE	Onboard
5004	Digital Multimeter (Pt # 77/BN)	3	Nov 93	GFE	Onboard
5007	Scope Adapter (Pt # 1688)	2	Nov 93	GFE	Onboard
SPETE					
6121	Electrical Cable Test Set (Pt # 2052AS826-TPI)	2	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-198-3071, AN/USM-636A(V) High Powered Device Test Subsystem Operator and Maintenance Course (Track D-198-6104)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0017	Receiver-Converter - R-2005/AAS-36 (Pt # 2001210-1)	1	Nov 93	GFE	Onboard
0018	Power Supply Video Converter - PP-7267/AAS-36 (Pt # 2001220-1)	1	Nov 93	GFE	Onboard
0019	Control Servomechanism - C-9982/AAS-36 (Pt # 2001230-1)	1	Nov 93	GFE	Onboard
0020	Control Box - C-9983/AAS-36 (Pt # 2001240-1)	1	Nov 93	GFE	Onboard
0021	Target Tracking Sight Control - C-9984/AAS-36 (Pt # 2001250-1)	1	Nov 93	GFE	Onboard
0022	Video Indicator - IP-1240/AAS-36 (Pt # 2001260-2)	1	Nov 93	GFE	Onboard
0023	Video Display Assembly (Pt # 885A011-00000)	1	Nov 93	GFE	Onboard
0024	Control Indicator (Pt # 885A021-00000)	1	Nov 93	GFE	Onboard
ST					
3013	Test Bench Harness Set (Pt # 885-000-00616)	1	Nov 93	GFE	Onboard
3014	Torque Gage (Pt # 651C3)	1	Nov 93	GFE	Onboard
GPETE					
5002	Digital Multimeter (Pt # 832840)	1	Nov 94	GFE	Onboard
SPETE					
6021	AAM-60(V)2 Electro-Optical Test Set (Pt # 920-10302-1)	1	Nov 93	GFE	Onboard
6022	Detector Test Set (Pt # 218-08109-101)	1	Nov 93	GFE	Onboard
6023	Video Signal Simulator (Pt # 1210S8-1301S4)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6104)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0016	External Hard Drive (Pt # 2056AS137-01)	1	Nov 94	GFE	Onboard
0026	Power Supply (Pt # 1896AS300-03)	1	Nov 94	GFE	Onboard
0031	Circuit Card Assembly - Power Switch (Pt # 1897AS159-01)	1	Nov 94	GFE	Onboard
0035	Central Processing Unit (CPU) (Pt # M7625-AA)	1	Nov 94	GFE	Onboard
0037	Power Supply (Pt # 1896AS200-02)	1	Nov 94	GFE	Onboard
0038	Power Supply (Pt # 1896AS300-02)	1	Nov 94	GFE	Onboard
0039	Power Supply (Pt # 1896AS300-01)	1	Nov 94	GFE	Onboard
0040	Circuit Card Assembly - Coax Switch (Pt # 1897AS162-01)	1	Nov 94	GFE	Onboard
0041	Data Indicator (Pt # A51A9010-11)	1	Nov 94	GFE	Onboard
0042	Power Supply (Pt # 1896AS501-01)	1	Nov 94	GFE	Onboard
0043	Circuit Card Assembly (Pt # 1897AS165-01)	1	Nov 94	GFE	Onboard
0048	Buffer Storage Unit (Pt # 2044AS734-01)	1	Nov 94	GFE	Onboard
0051	Battery Assembly (Pt # 2049AS026-01)	2	Nov 94	GFE	Onboard
0053	Circuit Card Assembly (Pt # A51A9011-5)	1	Nov 94	GFE	Onboard
0054	Control Generator (Pt # A51A9147-5)	1	Nov 94	GFE	Onboard
0055	Gyroscope Assembly (Pt # A51A9002-29)	1	Nov 94	GFE	Onboard
0058	Circuit Card Assembly - Power Controller (Pt # 2048AS464-01)	1	Nov 94	GFE	Onboard
0093	Circuit Card Assembly (Pt # M7516-PA)	1	Nov 94	GFE	Onboard
0094	Circuit Card Assembly (Pt # 2044AS737-01)	1	Nov 94	GFE	Onboard
0095	Circuit Card Assembly (Pt # 1896AS889-01)	1	Nov 94	GFE	Onboard
0096	Circuit Card Assembly (Pt # 1896AS960-01)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0097	Generator (Pt # 1897AS080-01)	1	Nov 94	GFE	Onboard
0098	Circuit Card Assembly (Pt # M719)	1	Nov 94	GFE	Onboard
0098	Circuit Card Assembly - Housekeeper (Pt # 859-815-00)	1	Nov 94	GFE	Onboard
0098	CFSD Distributing System (Pt # 2049AS82-01)	1	Nov 94	GFE	Onboard
0099	Circuit Card Assembly - MS1553 (Pt # 859-215-00)	1	Nov 94	GFE	Onboard
0100	Circuit Card Assembly - WDDA (Pt # 2048AS996-01)	1	Nov 94	GFE	Onboard
0101	LVSS (Pt # 1896AS501-01)	1	Nov 94	GFE	Onboard
0102	ASSCON (Pt # 1896AS889-01)	1	Nov 94	GFE	Onboard
0103	Power Supply (Pt # 1896AS300-03)	1	Nov 94	GFE	Onboard
0104	GPI Coax Switch (Pt # 1897AS165-01)	1	Nov 94	GFE	Onboard
0105	SGMA (Pt # 22036AS001-01)	1	Nov 94	GFE	Onboard
0106	Circuit Card Assembly - Channel (Pt # M-890-03)	1	Nov 94	GFE	Onboard
0107	LWPL (Pt # 1897AS247-01)	1	Nov 94	GFE	Onboard
0108	DTU Backplane (Pt # 854-895-75)	1	Nov 94	GFE	Onboard
0109	CASS Hybrid Test Station (Pt # 2054AS400-01)	6	Nov 94	GFE	Onboard
0110	CASS CNI Test Station (Pt # 2054AS400-03)	2	Nov 94	GFE	Onboard
0111	CASS RF Test Station (Pt # 2054AS400-02)	2	Nov 94	GFE	Onboard
0112	Common Interface Device Assembly (Pt # 2051AS610-01)	2	Nov 94	GFE	Onboard
0113	Interface Device (Pt # 2042AS006-01)	2	Nov 94	GFE	Onboard
0114	LVSS (MAMS) Power Supply (Pt # 1896AS501-04)	1	Nov 94	GFE	Onboard
0115	LVSS (MAMS) Power Supply (Pt # 1896AS501-05)	1	Nov 94	GFE	Onboard
0116	LVSS (MAMS) Power Supply (Pt # 1896AS501-10)	1	Nov 94	GFE	Onboard
0117	Circuit Card Assembly - Asset Control (Pt # 1896AS889-02)	1	Nov 94	GFE	Onboard
0118	Circuit Card Assembly - Asset Control (Pt # 1896AS889-03)	1	Nov 94	GFE	Onboard
0119	Circuit Card Assembly - Asset Control (Pt # 1896AS889-04)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0120	Electrical Distributing System (Pt # 2049AS482-01)	1	Nov 94	GFE	Onboard
0121	Circuit Card Assembly - Power Control #1 (Pt # 2048AS464-01)	1	Nov 94	GFE	Onboard
0122	Circuit Card Assembly - Power Control #2 (Pt # 2048AS821-01)	1	Nov 94	GFE	Onboard
0123	Circuit Card Assembly - Power Control #3 (Pt # 2048AS824-01)	1	Nov 94	GFE	Onboard
0124	Circuit Card Assembly - Power Control #4 (Pt # 2049AS498-01)	1	Nov 94	GFE	Onboard
0125	Circuit Card Assembly - DTU CT 511 (Pt # 859-511-00)	1	Nov 94	GFE	Onboard
0126	Circuit Card Assembly - (MAMS) (Pt # M7622)	1	Nov 94	GFE	Onboard
0127	Receiver Subassembly - Circuit Card Assembly (MAMS) (Pt # M7625-AA)	1	Nov 94	GFE	Onboard
0128	Communication Interface Unit (Pt # 2T-22477-01)	1	Nov 94	GFE	Onboard
0129	Slot O Controller (Pt # 2056AS362-01)	1	Nov 94	GFE	Onboard
GPTE					
2001	Pneumatic Console (Pt # 2051AS163-05)	1	Nov 94	GFE	Onboard
ST					
3011	Card Puller (Pt # 854-605-01)	3	Nov 94	GFE	Onboard
3017	Adapter Set (Pt # 2047AS258-01)	2	Nov 94	GFE	Onboard
3019	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 94	GFE	Onboard
3053	Plug In Unit (Pt # 70900B)	1	Nov 94	GFE	Onboard
3054	Plug In Unit (Pt # HP70100A)	1	Nov 94	GFE	Onboard
3055	DMM Multimeter (Pt # 70110A-H10)	1	Nov 94	GFE	Onboard
3056	Test Accessory Kit (Pt # 2053AS340-01)	2	Nov 94	GFE	Onboard
3057	On Site Maintenance (OSM) Connect Adapter (Pt # 3288)	2	Nov 94	GFE	Onboard
3058	Connector Adapter (Pt # 11903C)	2	Nov 94	GFE	Onboard
3059	Special Purpose Cable Assembly (Pt # 854-895-54)	4	Nov 94	GFE	Onboard
3060	Connector Extraction Tool (Pt # 910110102)	3	Nov 94	GFE	Onboard
3061	Mini Extraction Tool (Pt # 910112104)	3	Nov 94	GFE	Onboard
3062	Circuit Card Assembly - Extraction Tool (Pt # 6126-978)	3	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

GPETE

5001	O'scope (Pt # TDS-620A)	3	Nov 94	GFE	Onboard
5004	Digital Multimeter (Pt # 77/BN)	3	Nov 94	GFE	Onboard
5007	Scope Adapter (Pt # 1688)	2	Nov 94	GFE	Onboard

SPETE

6121	Electrical Cable Test Set (Pt # 2052AS826-TPI)	2	Nov 94	GFE	Onboard
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CIN, COURSE TITLE: C-198-3071, AN/USM-636A(V) High Powered Device Test Subsystem Operator and Maintenance Course (Track E-198-6104)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0017	Receiver-Converter - R-2005/AAS-36 (Pt # 2001210-1)	1	Nov 94	GFE	Onboard
0018	Power Supply Video Converter - PP-7267/AAS-36 (Pt # 2001220-1)	1	Nov 94	GFE	Onboard
0019	Control Servomechanism - C-9982/AAS-36 (Pt # 2001230-1)	1	Nov 94	GFE	Onboard
0020	Control Box - C-9983/AAS-36 (Pt # 2001240-1)	1	Nov 94	GFE	Onboard
0021	Target Tracking Sight Control - C-9984/AAS-36 (Pt # 2001250-1)	1	Nov 94	GFE	Onboard
0022	Video Indicator - IP-1240/AAS-36 (Pt # 2001260-2)	1	Nov 94	GFE	Onboard
0023	Video Display Assembly (Pt # 885A011-00000)	1	Nov 94	GFE	Onboard
0024	Control Indicator (Pt # 885A021-00000)	1	Nov 94	GFE	Onboard
ST					
3013	Test Bench Harness Set (Pt # 885-000-00616)	1	Nov 94	GFE	Onboard
3014	Torque Gage (Pt # 651C3)	1	Nov 94	GFE	Onboard
GPETE					
5002	Digital Multimeter (Pt # 832840)	1	Nov 94	GFE	Onboard
SPETE					
6021	AAM-60(V)2 Electro-Optical Test Set (Pt # 920-10302-1)	1	Nov 94	GFE	Onboard
6022	Detector Test Set (Pt # 218-08109-101)	1	Nov 94	GFE	Onboard
6023	Video Signal Simulator (Pt # 1210S8-1301S4)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track D-198-6105)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0016	External Hard Drive (Pt # 2056AS137-01)	1	Nov 93	GFE	Onboard
0026	Power Supply (Pt # 1896AS300-03)	1	Nov 93	GFE	Onboard
0031	Circuit Card Assembly - Power Switch (Pt # 1897AS159-01)	1	Nov 93	GFE	Onboard
0035	Central Processing Unit (CPU) (Pt # M7625-AA)	1	Nov 93	GFE	Onboard
0037	Power Supply (Pt # 1896AS200-02)	1	Nov 93	GFE	Onboard
0038	Power Supply (Pt # 1896AS300-02)	1	Nov 93	GFE	Onboard
0039	Power Supply (Pt # 1896AS300-01)	1	Nov 93	GFE	Onboard
0040	Circuit Card Assembly - Coax Switch (Pt # 1897AS162-01)	1	Nov 93	GFE	Onboard
0041	Data Indicator (Pt # A51A9010-11)	1	Nov 93	GFE	Onboard
0042	Power Supply (Pt # 1896AS501-01)	1	Nov 93	GFE	Onboard
0043	Circuit Card Assembly (Pt # 1897AS165-01)	1	Nov 93	GFE	Onboard
0048	Buffer Storage Unit (Pt # 2044AS734-01)	1	Nov 93	GFE	Onboard
0051	Battery Assembly (Pt # 2049AS026-01)	2	Nov 93	GFE	Onboard
0053	Circuit Card Assembly (Pt # A51A9011-5)	1	Nov 93	GFE	Onboard
0054	Control Generator (Pt # A51A9147-5)	1	Nov 93	GFE	Onboard
0055	Gyroscope Assembly (Pt # A51A9002-29)	1	Nov 93	GFE	Onboard
0058	Circuit Card Assembly - Power Controller (Pt # 2048AS464-01)	1	Nov 93	GFE	Onboard
0093	Circuit Card Assembly (Pt # M7516-PA)	1	Nov 93	GFE	Onboard
0094	Circuit Card Assembly (Pt # 2044AS737-01)	1	Nov 93	GFE	Onboard
0095	Circuit Card Assembly (Pt # 1896AS889-01)	1	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0096	Circuit Card Assembly (Pt # 1896AS960-01)	1	Nov 93	GFE	Onboard
0097	Generator (Pt # 1897AS080-01)	1	Nov 93	GFE	Onboard
0098	Circuit Card Assembly (Pt # M719)	1	Nov 93	GFE	Onboard
0098	Circuit Card Assembly - Housekeeper (Pt # 859-815-00)	1	Nov 93	GFE	Onboard
0098	CFSD Distributing System (Pt # 2049AS82-01)	1	Nov 93	GFE	Onboard
0099	Circuit Card Assembly - MS1553 (Pt # 859-215-00)	1	Nov 93	GFE	Onboard
0100	Circuit Card Assembly - WDDA (Pt # 2048AS996-01)	1	Nov 93	GFE	Onboard
0101	LVSS (Pt # 1896AS501-01)	1	Nov 93	GFE	Onboard
0102	ASSCON (Pt # 1896AS889-01)	1	Nov 93	GFE	Onboard
0103	Power Supply (Pt # 1896AS300-03)	1	Nov 93	GFE	Onboard
0104	GPI Coax Switch (Pt # 1897AS165-01)	1	Nov 93	GFE	Onboard
0105	SGMA (Pt # 22036AS001-01)	1	Nov 93	GFE	Onboard
0106	Circuit Card Assembly - Channel (Pt # M-890-03)	1	Nov 93	GFE	Onboard
0107	LWPL (Pt # 1897AS247-01)	1	Nov 93	GFE	Onboard
0108	DTU Backplane (Pt # 854-895-75)	1	Nov 93	GFE	Onboard
0109	CASS Hybrid Test Station (Pt # 2054AS400-01)	6	Nov 93	GFE	Onboard
0110	CASS CNI Test Station (Pt # 2054AS400-03)	2	Nov 93	GFE	Onboard
0111	CASS RF Test Station (Pt # 2054AS400-02)	2	Nov 93	GFE	Onboard
0112	Common Interface Device Assembly (Pt # 2051AS610-01)	2	Nov 93	GFE	Onboard
0113	Interface Device (Pt # 2042AS006-01)	2	Nov 93	GFE	Onboard
0114	LVSS (MAMS) Power Supply (Pt # 1896AS501-04)	1	Nov 93	GFE	Onboard
0115	LVSS (MAMS) Power Supply (Pt # 1896AS501-05)	1	Nov 93	GFE	Onboard
0116	LVSS (MAMS) Power Supply (Pt # 1896AS501-10)	1	Nov 93	GFE	Onboard
0117	Circuit Card Assembly - Asset Control (Pt # 1896AS889-02)	1	Nov 93	GFE	Onboard
0118	Circuit Card Assembly - Asset Control (Pt # 1896AS889-03)	1	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0119	Circuit Card Assembly - Asset Control (Pt # 1896AS889-04)	1	Nov 93	GFE	Onboard
0120	Electrical Distributing System (Pt # 2049AS482-01)	1	Nov 93	GFE	Onboard
0121	Circuit Card Assembly - Power Control #1 (Pt # 2048AS464-01)	1	Nov 93	GFE	Onboard
0122	Circuit Card Assembly - Power Control #2 (Pt # 2048AS821-01)	1	Nov 93	GFE	Onboard
0123	Circuit Card Assembly - Power Control #3 (Pt # 2048AS824-01)	1	Nov 93	GFE	Onboard
0124	Circuit Card Assembly - Power Control #4 (Pt # 2049AS498-01)	1	Nov 93	GFE	Onboard
0125	Circuit Card Assembly - DTU CT 511 (Pt # 859-511-00)	1	Nov 93	GFE	Onboard
0126	Circuit Card Assembly - (MAMS) (Pt # M7622)	1	Nov 93	GFE	Onboard
0127	Receiver Subassembly - Circuit Card Assembly (MAMS) (Pt # M7625-AA)	1	Nov 93	GFE	Onboard
0128	Communication Interface Unit (Pt # 2T-22477-01)	1	Nov 93	GFE	Onboard
0129	Slot O Controller (Pt # 2056AS362-01)	1	Nov 93	GFE	Onboard
GPTE					
2001	Pneumatic Console (Pt # 2051AS163-05)	1	Nov 93	GFE	Onboard
ST					
3011	Card Puller (Pt # 854-605-01)	3	Nov 93	GFE	Onboard
3017	Adapter Set (Pt # 2047AS258-01)	2	Nov 93	GFE	Onboard
3019	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 93	GFE	Onboard
3053	Plug In Unit (Pt # 70900B)	1	Nov 93	GFE	Onboard
3054	Plug In Unit (Pt # HP70100A)	1	Nov 93	GFE	Onboard
3055	DMM Multimeter (Pt # 70110A-H10)	1	Nov 93	GFE	Onboard
3056	Test Accessory Kit (Pt # 2053AS340-01)	2	Nov 93	GFE	Onboard
3057	On Site Maintenance (OSM) Connect Adapter (Pt # 3288)	2	Nov 93	GFE	Onboard
3058	Connector Adapter (Pt # 11903C)	2	Nov 93	GFE	Onboard
3059	Special Purpose Cable Assembly (Pt # 854-895-54)	4	Nov 93	GFE	Onboard
3060	Connector Extraction Tool (Pt # 910110102)	3	Nov 93	GFE	Onboard
3061	Mini Extraction Tool (Pt # 910112104)	3	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

3062	Circuit Card Assembly - Extraction Tool (Pt # 6126-978)	3	Nov 93	GFE	Onboard
GPETE					
5001	O'scope (Pt # TDS-620A)	3	Nov 93	GFE	Onboard
5004	Digital Multimeter (Pt # 77/BN)	3	Nov 93	GFE	Onboard
5007	Scope Adapter (Pt # 1688)	2	Nov 93	GFE	Onboard
SPETE					
6121	Electrical Cable Test Set (Pt # 2052AS826-TPI)	2	Nov 93	GFE	Onboard

CIN, COURSE TITLE: C-198-3070, AN/USM-636A(V) EO+/FLIR Intermediate Maintenance Course (Track D-198-6105)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0001	Controller Processor (Pt # 3061270-2)	1	Nov 93	GFE	Onboard
0002	Servo Controller (Pt # 242607-2)	1	Nov 93	GFE	Onboard
0003	Laser Power Supply (Pt # 66910600-29)	1	Nov 93	GFE	Onboard
0004	Digital Data Transfer Compensator (Pt # 6096500-110)	1	Nov 93	GFE	Onboard
0005	Thermal Control Unit (Pt # 6069400-110)	1	Nov 93	GFE	Onboard
0006	Infrared Receiver (IRR) (Pt # 3061250-1)	1	Nov 93	GFE	Onboard
0007	Infrared Converter (Pt # 6096300-113)	1	Nov 93	GFE	Onboard
0008	Laser Detector (Pt # 71321200-019)	1	Nov 93	GFE	Onboard
0009	Laser Receiver/Transmitter (Pt # 66910100-29)	1	Nov 93	GFE	Onboard
0010	Receiver Assembly - OR263 (Pt # 2770627-1)	1	Nov 93	GFE	Onboard
0011	FLIR Imaging (Pt # 6096300-112)	1	Nov 93	GFE	Onboard
0012	Forward Section Pod (Pt # 260344)	1	Nov 93	GFE	Onboard
0013	Optics Stabilizer (Pt # 260258)	1	Nov 93	GFE	Onboard
0014	UUT Air Cooler (Pt # 484000-1211)	1	Nov 93	GFE	Onboard
0015	Electro-Optics Test Set (EOTS) Coolant Unit (Pt # 74D740194-1001)	1	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0016	External Hard Drive (Pt # 2056AS137-01)	1	Nov 93	GFE	Onboard
ST					
3001	HP1 Coolant Hose (Pt # 74D741291-1001)	1	Nov 93	GFE	Onboard
3002	HP2 Coolant Hose (Pt # 74D741291-1003)	1	Nov 93	GFE	Onboard
3003	W1 Cable Assembly (Pt # 74D741287-1001)	1	Nov 93	GFE	Onboard
3004	HP3 Cable Assembly (Pt # 74D741287-1005)	1	Nov 93	GFE	Onboard
3005	HP4 Coolant Hose (Pt # 74D1287-1007)	1	Nov 93	GFE	Onboard
3006	Quick Disconnect (QD) Coolant (Pt # 74D741287-1009)	1	Nov 93	GFE	Onboard
3007	Hard Drive VXI (Classified) (Pt # E4208C)	1	Nov 93	GFE	Onboard
3008	EO Cart Assembly (Pt # 63E919617G1)	1	Nov 93	GFE	Onboard
3009	IRR Ring Mirror Alignment Tool, A (Pt # 74D740295-5)	1	Nov 93	GFE	Onboard
3010	IRR Ring Mirror Alignment Tool, B (Pt # 74D740295-1001)	1	Nov 93	GFE	Onboard
3011	Card Puller (Pt # 854-605-01)	1	Nov 93	GFE	Onboard
3012	Optical Disks (Pt # 15176)	7	Nov 93	GFE	Onboard
GPETE					
5001	O'scope (Pt # TDS-620A)	1	Nov 93	GFE	Onboard
SPETE					
6001	Block II Hybrid (Pt # 2045AS400-04)	1	Nov 93	GFE	Onboard
6002	Common ID Assembly (Pt # 2051AS610-01)	1	Nov 93	GFE	Onboard
6003	Test Accessory Kit (Pt # 2053AS340-01)	1	Nov 93	GFE	Onboard
6004	Interface Device (Pt # 2042AS006-02)	1	Nov 93	GFE	Onboard
6005	SMAT Cable Set (Pt # 2043AS303-01)	1	Nov 93	GFE	Onboard
6006	TPS EOTS Lot 1 (Pt # 74D060308-1001)	1	Nov 93	GFE	Onboard
6007	TPS EOTS Lot 3 (Pt # 74D060310-1001)	1	Nov 93	GFE	Onboard
6008	TPS EOTS Lot 4 (Pt # 74D060311-1001)	1	Nov 93	GFE	Onboard
6009	TPS EOTS Lot 5 (Pt # 74D0D0312-1001)	1	Nov 93	GFE	Onboard
6010	Adapter Set (Pt # 2053AS573-01)	1	Nov 93	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

6011	Dummy Load Set (Pt # 2053AS575-01)	1	Nov 93	GFE	Onboard
6012	Fixture Test Set (Pt # 2053AS574-01)	1	Nov 93	GFE	Onboard
6013	UUT Power Cable Set (Pt # 000CT001)	1	Nov 93	GFE	Onboard
6014	EOSS+ Console (Pt# 2055AS300-604)	1	Nov 93	GFE	Onboard
6015	Auto Gimbal Control System (AGCS) (Pt # RT-AGCS-FLD)	1	Nov 93	GFE	Onboard
6016	AGCS Shorting Plug A1 (Pt # 2056AS625)	1	Nov 93	GFE	Onboard
6017	AGCS Shorting Plug A2 (Pt # 2056AS626)	1	Nov 93	GFE	Onboard
6018	AGCS Shorting Plug A3 (Pt # 2056AS627)	1	Nov 93	GFE	Onboard
6019	AGCS Shorting Plug A4 (Pt # 2056AS628)	1	Nov 93	GFE	Onboard
6020	Multi-Purpose Stroke Raster Dis. (Pt # 706290-1)	1	Nov 93	GFE	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6105)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0016	External Hard Drive (Pt # 2056AS137-01)	1	Nov 94	GFE	Onboard
0026	Power Supply (Pt # 1896AS300-03)	1	Nov 94	GFE	Onboard
0031	Circuit Card Assembly - Power Switch (Pt # 1897AS159-01)	1	Nov 94	GFE	Onboard
0035	Central Processing Unit (CPU) (Pt # M7625-AA)	1	Nov 94	GFE	Onboard
0037	Power Supply (Pt # 1896AS200-02)	1	Nov 94	GFE	Onboard
0038	Power Supply (Pt # 1896AS300-02)	1	Nov 94	GFE	Onboard
0039	Power Supply (Pt # 1896AS300-01)	1	Nov 94	GFE	Onboard
0040	Circuit Card Assembly - Coax Switch (Pt # 1897AS162-01)	1	Nov 94	GFE	Onboard
0041	Data Indicator (Pt # A51A9010-11)	1	Nov 94	GFE	Onboard
0042	Power Supply (Pt # 1896AS501-01)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0043	Circuit Card Assembly (Pt # 1897AS165-01)	1	Nov 94	GFE	Onboard
0048	Buffer Storage Unit (Pt # 2044AS734-01)	1	Nov 94	GFE	Onboard
0051	Battery Assembly (Pt # 2049AS026-01)	2	Nov 94	GFE	Onboard
0053	Circuit Card Assembly (Pt # A51A9011-5)	1	Nov 94	GFE	Onboard
0054	Control Generator (Pt # A51A9147-5)	1	Nov 94	GFE	Onboard
0055	Gyroscope Assembly (Pt # A51A9002-29)	1	Nov 94	GFE	Onboard
0058	Circuit Card Assembly - Power Controller (Pt # 2048AS464-01)	1	Nov 94	GFE	Onboard
0093	Circuit Card Assembly (Pt # M7516-PA)	1	Nov 94	GFE	Onboard
0094	Circuit Card Assembly (Pt # 2044AS737-01)	1	Nov 94	GFE	Onboard
0095	Circuit Card Assembly (Pt # 1896AS889-01)	1	Nov 94	GFE	Onboard
0096	Circuit Card Assembly (Pt # 1896AS960-01)	1	Nov 94	GFE	Onboard
0097	Generator (Pt # 1897AS080-01)	1	Nov 94	GFE	Onboard
0098	Circuit Card Assembly - Housekeeper (Pt # 859-815-00)	1	Nov 94	GFE	Onboard
0098	Circuit Card Assembly (Pt # M719)	1	Nov 94	GFE	Onboard
0098	CFSD Distributing System (Pt # 2049AS82-01)	1	Nov 94	GFE	Onboard
0099	Circuit Card Assembly - MS1553 (Pt # 859-215-00)	1	Nov 94	GFE	Onboard
0100	Circuit Card Assembly - WDDA (Pt # 2048AS996-01)	1	Nov 94	GFE	Onboard
0101	LVSS (Pt # 1896AS501-01)	1	Nov 94	GFE	Onboard
0102	ASSCON (Pt # 1896AS889-01)	1	Nov 94	GFE	Onboard
0103	Power Supply (Pt # 1896AS300-03)	1	Nov 94	GFE	Onboard
0104	GPI Coax Switch (Pt # 1897AS165-01)	1	Nov 94	GFE	Onboard
0105	SGMA (Pt # 22036AS001-01)	1	Nov 94	GFE	Onboard
0106	Circuit Card Assembly - Channel (Pt # M-890-03)	1	Nov 94	GFE	Onboard
0107	LWPL (Pt # 1897AS247-01)	1	Nov 94	GFE	Onboard
0108	DTU Backplane (Pt # 854-895-75)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0109	CASS Hybrid Test Station (Pt # 2054AS400-01)	6	Nov 94	GFE	Onboard
0110	CASS CNI Test Station (Pt # 2054AS400-03)	2	Nov 94	GFE	Onboard
0111	CASS RF Test Station (Pt # 2054AS400-02)	2	Nov 94	GFE	Onboard
0112	Common Interface Device Assembly (Pt # 2051AS610-01)	2	Nov 94	GFE	Onboard
0113	Interface Device (Pt # 2042AS006-01)	2	Nov 94	GFE	Onboard
0114	LVSS (MAMS) Power Supply (Pt # 1896AS501-04)	1	Nov 94	GFE	Onboard
0115	LVSS (MAMS) Power Supply (Pt # 1896AS501-05)	1	Nov 94	GFE	Onboard
0116	LVSS (MAMS) Power Supply (Pt # 1896AS501-10)	1	Nov 94	GFE	Onboard
0117	Circuit Card Assembly - Asset Control (Pt # 1896AS889-02)	1	Nov 94	GFE	Onboard
0118	Circuit Card Assembly - Asset Control (Pt # 1896AS889-03)	1	Nov 94	GFE	Onboard
0119	Circuit Card Assembly - Asset Control (Pt # 1896AS889-04)	1	Nov 94	GFE	Onboard
0120	Electrical Distributing System (Pt # 2049AS482-01)	1	Nov 94	GFE	Onboard
0121	Circuit Card Assembly - Power Control #1 (Pt # 2048AS464-01)	1	Nov 94	GFE	Onboard
0122	Circuit Card Assembly - Power Control #2 (Pt # 2048AS821-01)	1	Nov 94	GFE	Onboard
0123	Circuit Card Assembly - Power Control #3 (Pt # 2048AS824-01)	1	Nov 94	GFE	Onboard
0124	Circuit Card Assembly - Power Control #4 (Pt # 2049AS498-01)	1	Nov 94	GFE	Onboard
0125	Circuit Card Assembly - DTU CT 511 (Pt # 859-511-00)	1	Nov 94	GFE	Onboard
0126	Circuit Card Assembly - (MAMS) (Pt # M7622)	1	Nov 94	GFE	Onboard
0127	Receiver Subassembly - Circuit Card Assembly (MAMS) (Pt # M7625-AA)	1	Nov 94	GFE	Onboard
0128	Communication Interface Unit (Pt # 2T-22477-01)	1	Nov 94	GFE	Onboard
0129	Slot O Controller (Pt # 2056AS362-01)	1	Nov 94	GFE	Onboard
GPTE					
2001	Pneumatic Console (Pt # 2051AS163-05)	1	Nov 94	GFE	Onboard
ST					
3011	Card Puller (Pt # 854-605-01)	3	Nov 94	GFE	Onboard
3017	Adapter Set (Pt # 2047AS258-01)	2	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

3019	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 94	GFE	Onboard
3053	Plug In Unit (Pt # 70900B)	1	Nov 94	GFE	Onboard
3054	Plug In Unit (Pt # HP70100A)	1	Nov 94	GFE	Onboard
3055	DMM Multimeter (Pt # 70110A-H10)	1	Nov 94	GFE	Onboard
3056	Test Accessory Kit (Pt # 2053AS340-01)	2	Nov 94	GFE	Onboard
3057	On Site Maintenance (OSM) Connect Adapter (Pt # 3288)	2	Nov 94	GFE	Onboard
3058	Connector Adapter (Pt # 11903C)	2	Nov 94	GFE	Onboard
3059	Special Purpose Cable Assembly (Pt # 854-895-54)	4	Nov 94	GFE	Onboard
3060	Connector Extraction Tool (Pt # 910110102)	3	Nov 94	GFE	Onboard
3061	Mini Extraction Tool (Pt # 910112104)	3	Nov 94	GFE	Onboard
3062	Circuit Card Assembly - Extraction Tool (Pt # 6126-978)	3	Nov 94	GFE	Onboard
GPETE					
5001	O'scope (Pt # TDS-620A)	3	Nov 94	GFE	Onboard
5004	Digital Multimeter (Pt # 77/BN)	3	Nov 94	GFE	Onboard
5007	Scope Adapter (Pt # 1688)	2	Nov 94	GFE	Onboard
SPETE					
6121	Electrical Cable Test Set (Pt # 2052AS826-TPI)	2	Nov 94	GFE	Onboard

CIN, COURSE TITLE: C-198-3070, AN/USM-636A(V) EO+/FLIR Intermediate Maintenance Course (Track E-198-6105)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0001	Controller Processor (Pt # 3061270-2)	1	Nov 94	GFE	Onboard
0002	Servo Controller (Pt # 242607-2)	1	Nov 94	GFE	Onboard
0003	Laser Power Supply (Pt # 66910600-29)	1	Nov 94	GFE	Onboard
0004	Digital Data Transfer Compensator (Pt # 6096500-110)	1	Nov 94	GFE	Onboard
0005	Thermal Control Unit (Pt # 6069400-110)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0006	Infrared Receiver (IRR) (Pt # 3061250-1)	1	Nov 94	GFE	Onboard
0007	Infrared Converter (Pt # 6096300-113)	1	Nov 94	GFE	Onboard
0008	Laser Detector (Pt # 71321200-019)	1	Nov 94	GFE	Onboard
0009	Laser Receiver/Transmitter (Pt# 66910100-29)	1	Nov 94	GFE	Onboard
0010	Receiver Assembly - OR263 (Pt # 2770627-1)	1	Nov 94	GFE	Onboard
0011	FLIR Imaging (Pt # 6096300-112)	1	Nov 94	GFE	Onboard
0012	Forward Section Pod (Pt # 260344)	1	Nov 94	GFE	Onboard
0013	Optics Stabilizer (Pt # 260258)	1	Nov 94	GFE	Onboard
0014	UUT Air Cooler (Pt # 484000-1211)	1	Nov 94	GFE	Onboard
0015	Electro-Optics Test Set (EOTS) Coolant Unit (Pt# 74D740194-1001)	1	Nov 94	GFE	Onboard
0016	External Hard Drive (Pt # 2056AS137-01)	1	Nov 94	GFE	Onboard
ST					
3001	HP1 Coolant Hose (Pt # 74D741291-1001)	1	Nov 94	GFE	Onboard
3002	HP2 Coolant Hose (Pt # 74D741291-1003)	1	Nov 94	GFE	Onboard
3003	W1 Cable Assembly (Pt # 74D741287-1001)	1	Nov 94	GFE	Onboard
3004	HP3 Cable Assembly (Pt # 74D741287-1005)	1	Nov 94	GFE	Onboard
3005	HP4 Coolant Hose (Pt # 74D1287-1007)	1	Nov 94	GFE	Onboard
3006	Quick Disconnect (QD) Coolant (Pt # 74D741287-1009)	1	Nov 94	GFE	Onboard
3007	Hard Drive VXI (Classified) (Pt # E4208C)	1	Nov 94	GFE	Onboard
3008	EO Cart Assembly (Pt # 63E919617G1)	1	Nov 94	GFE	Onboard
3009	IRR Ring Mirror Alignment Tool, A (Pt# 74D740295-5)	1	Nov 94	GFE	Onboard
3010	IRR Ring Mirror Alignment Tool, B (Pt # 74D740295-1001)	1	Nov 94	GFE	Onboard
3011	Card Puller (Pt # 854-605-01)	1	Nov 94	GFE	Onboard
3012	Optical Disks (Pt # 15176)	7	Nov 94	GFE	Onboard
GPETE					
5001	O'scope (Pt # TDS-620A)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

SPE

6001	Block II Hybrid (Pt # 2045AS400-04)	1	Nov 94	GFE	Onboard
6002	Common ID Assembly (Pt # 2051AS610-01)	1	Nov 94	GFE	Onboard
6003	Test Accessory Kit (Pt # 2053AS340-01)	1	Nov 94	GFE	Onboard
6004	Interface Device (Pt # 2042AS006-02)	1	Nov 94	GFE	Onboard
6005	SMAT Cable Set (Pt # 2043AS303-01)	1	Nov 94	GFE	Onboard
6006	TPS EOTS Lot 1 (Pt # 74D060308-1001)	1	Nov 94	GFE	Onboard
6007	TPS EOTS Lot 3 (Pt # 74D060310-1001)	1	Nov 94	GFE	Onboard
6008	TPS EOTS Lot 4 (Pt # 74D060311-1001)	1	Nov 94	GFE	Onboard
6009	TPS EOTS Lot 5 (Pt # 74D0D0312-1001)	1	Nov 94	GFE	Onboard
6010	Adapter Set (Pt # 2053AS573-01)	1	Nov 94	GFE	Onboard
6011	Dummy Load Set (Pt # 2053AS575-01)	1	Nov 94	GFE	Onboard
6012	Fixture Test Set (Pt # 2053AS574-01)	1	Nov 94	GFE	Onboard
6013	UUT Power Cable Set (Pt # 000CT001)	1	Nov 94	GFE	Onboard
6014	EOSS+ Console (Pt # 2055AS300-604)	1	Nov 94	GFE	Onboard
6015	Auto Gimbal Control System (AGCS) (Pt # RT-AGCS-FLD)	1	Nov 94	GFE	Onboard
6016	AGCS Shorting Plug A1 (Pt # 2056AS625)	1	Nov 94	GFE	Onboard
6017	AGCS Shorting Plug A2 (Pt # 2056AS626)	1	Nov 94	GFE	Onboard
6018	AGCS Shorting Plug A3 (Pt # 2056AS627)	1	Nov 94	GFE	Onboard
6019	AGCS Shorting Plug A4 (Pt # 2056AS628)	1	Nov 94	GFE	Onboard
6020	Multi-Purpose Stroke Raster Dis. (Pt # 706290-1)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance
(Track E-198-6108)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0062	CASS - Electro Optical (Pt # 2048AS775-04)	2	Nov 94	GFE	Onboard
ST					
3021	Connector Adapter (Pt # PE9011)	2	Nov 94	GFE	Onboard
3022	Pressure Hose (Pt # 2051AS091-01)	2	Nov 94	GFE	Onboard
3023	Pressure Hose (Pt # 2051AS092-01)	2	Nov 94	GFE	Onboard
3024	Pneumatics Installation Kit (Pt # 2048AS816-05P)	2	Nov 94	GFE	Onboard
3025	Relief Pressure Valve (Pt # SS4CPA2-3W/ORS)	2	Nov 94	GFE	Onboard
3026	Safety Relief Valve (Pt # SS4CPA2-%)W/ORS)	2	Nov 94	GFE	Onboard
3027	Dummy Load (Pt # 909D)	2	Nov 94	GFE	Onboard
3028	Low Frequency Power Meter (Pt # 436A-CS)	2	Nov 94	GFE	Onboard
SPETE					
6042	Connector Adapter (Pt # 11903C)	2	Nov 94	GFE	Onboard
6043	Connector Adapter (Pt # 1250-1743)	2	Nov 94	GFE	Onboard
6044	Cable Assembly (Pt # HP10833A)	2	Nov 94	GFE	Onboard
6045	Cable Assembly (Pt # 11730A)	2	Nov 94	GFE	Onboard
6047	CASS - CNI Test Set-LRIP (Pt # 2048AS775-03)	2	Nov 94	GFE	Onboard
6048	Electrical Load Bank (Pt # 2046AS337-01)	2	Nov 94	GFE	Onboard
6049	Cable Assembly (Pt # FB0HG0HG038.0)	2	Nov 94	GFE	Onboard
6050	Connector Adapter (Pt # OJB)	2	Nov 94	GFE	Onboard
6051	Connector Adapter (Pt # OJF)	2	Nov 94	GFE	Onboard
6052	Connector Adapter (Pt # OJK)	2	Nov 94	GFE	Onboard
6053	Coupler Test Set (Pt # 2042AS005-01)	2	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

6054	Cable Assembly Set (Pt # 2043AS302-01)	2	Nov 94	GFE	Onboard
6055	Adapter Set (Pt # 2043AS649-01)	2	Nov 94	GFE	Onboard
6056	Connector Adapter (Pt # 1250-1744)	2	Nov 94	GFE	Onboard
6057	Connector Adapter (Pt # 8022A1)	2	Nov 94	GFE	Onboard
6058	Adapter Test Set (Pt # 2047AS258-01)	2	Nov 94	GFE	Onboard
6059	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 94	GFE	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6108)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0016	External Hard Drive (Pt # 2056AS137-01)	1	Nov 94	GFE	Onboard
0026	Power Supply (Pt # 1896AS300-03)	1	Nov 94	GFE	Onboard
0031	Circuit Card Assembly - Power Switch (Pt # 1897AS159-01)	1	Nov 94	GFE	Onboard
0035	Central Processing Unit (CPU) (Pt # M7625-AA)	1	Nov 94	GFE	Onboard
0037	Power Supply (Pt # 1896AS200-02)	1	Nov 94	GFE	Onboard
0038	Power Supply (Pt # 1896AS300-02)	1	Nov 94	GFE	Onboard
0039	Power Supply (Pt # 1896AS300-01)	1	Nov 94	GFE	Onboard
0040	Circuit Card Assembly - Coax Switch (Pt # 1897AS162-01)	1	Nov 94	GFE	Onboard
0041	Data Indicator (Pt # A51A9010-11)	1	Nov 94	GFE	Onboard
0042	Power Supply (Pt # 1896AS501-01)	1	Nov 94	GFE	Onboard
0043	Circuit Card Assembly (Pt # 1897AS165-01)	1	Nov 94	GFE	Onboard
0048	Buffer Storage Unit (Pt # 2044AS734-01)	1	Nov 94	GFE	Onboard
0051	Battery Assembly (Pt # 2049AS026-01)	2	Nov 94	GFE	Onboard
0053	Circuit Card Assembly (Pt # A51A9011-5)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0054	Control Generator (Pt # A51A9147-5)	1	Nov 94	GFE	Onboard
0055	Gyroscope Assembly (Pt # A51A9002-29)	1	Nov 94	GFE	Onboard
0058	Circuit Card Assembly - Power Controller (Pt # 2048AS464-01)	1	Nov 94	GFE	Onboard
0093	Circuit Card Assembly (Pt # M7516-PA)	1	Nov 94	GFE	Onboard
0094	Circuit Card Assembly (Pt # 2044AS737-01)	1	Nov 94	GFE	Onboard
0095	Circuit Card Assembly (Pt # 1896AS889-01)	1	Nov 94	GFE	Onboard
0096	Circuit Card Assembly (Pt # 1896AS960-01)	1	Nov 94	GFE	Onboard
0097	Generator (Pt # 1897AS080-01)	1	Nov 94	GFE	Onboard
0098	Circuit Card Assembly - Housekeeper (Pt # 859-815-00)	1	Nov 94	GFE	Onboard
0098	Circuit Card Assembly (Pt # M719)	1	Nov 94	GFE	Onboard
0098	CFSD Distributing System (Pt # 2049AS82-01)	1	Nov 94	GFE	Onboard
0099	Circuit Card Assembly - MS1553 (Pt # 859-215-00)	1	Nov 94	GFE	Onboard
0100	Circuit Card Assembly - WDDA (Pt # 2048AS996-01)	1	Nov 94	GFE	Onboard
0101	LVSS (Pt # 1896AS501-01)	1	Nov 94	GFE	Onboard
0102	ASSCON (Pt # 1896AS889-01)	1	Nov 94	GFE	Onboard
0103	Power Supply (Pt # 1896AS300-03)	1	Nov 94	GFE	Onboard
0104	GPI Coax Switch (Pt # 1897AS165-01)	1	Nov 94	GFE	Onboard
0105	SGMA (Pt # 22036AS001-01)	1	Nov 94	GFE	Onboard
0106	Circuit Card Assembly - Channel (Pt # M-890-03)	1	Nov 94	GFE	Onboard
0107	LWPL (Pt # 1897AS247-01)	1	Nov 94	GFE	Onboard
0108	DTU Backplane (Pt # 854-895-75)	1	Nov 94	GFE	Onboard
0109	CASS Hybrid Test Station (Pt # 2054AS400-01)	6	Nov 94	GFE	Onboard
0110	CASS CNI Test Station (Pt # 2054AS400-03)	2	Nov 94	GFE	Onboard
0111	CASS RF Test Station (Pt # 2054AS400-02)	2	Nov 94	GFE	Onboard
0112	Common Interface Device Assembly (Pt # 2051AS610-01)	2	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0113	Interface Device (Pt # 2042AS006-01)	2	Nov 94	GFE	Onboard
0114	LVSS (MAMS) Power Supply (Pt # 1896AS501-04)	1	Nov 94	GFE	Onboard
0115	LVSS (MAMS) Power Supply (Pt # 1896AS501-05)	1	Nov 94	GFE	Onboard
0116	LVSS (MAMS) Power Supply (Pt # 1896AS501-10)	1	Nov 94	GFE	Onboard
0117	Circuit Card Assembly - Asset Control (Pt # 1896AS889-02)	1	Nov 94	GFE	Onboard
0118	Circuit Card Assembly - Asset Control (Pt # 1896AS889-03)	1	Nov 94	GFE	Onboard
0119	Circuit Card Assembly - Asset Control (Pt # 1896AS889-04)	1	Nov 94	GFE	Onboard
0120	Electrical Distributing System (Pt # 2049AS482-01)	1	Nov 94	GFE	Onboard
0121	Circuit Card Assembly - Power Control #1 (Pt # 2048AS464-01)	1	Nov 94	GFE	Onboard
0122	Circuit Card Assembly - Power Control #2 (Pt # 2048AS821-01)	1	Nov 94	GFE	Onboard
0123	Circuit Card Assembly - Power Control #3 (Pt # 2048AS824-01)	1	Nov 94	GFE	Onboard
0124	Circuit Card Assembly - Power Control #4 (Pt # 2049AS498-01)	1	Nov 94	GFE	Onboard
0125	Circuit Card Assembly - DTU CT 511 (Pt # 859-511-00)	1	Nov 94	GFE	Onboard
0126	Circuit Card Assembly - (MAMS) (Pt # M7622)	1	Nov 94	GFE	Onboard
0127	Receiver Subassembly - Circuit Card Assembly (MAMS) (Pt # M7625-AA)	1	Nov 94	GFE	Onboard
0128	Communication Interface Unit (Pt # 2T-22477-01)	1	Nov 94	GFE	Onboard
0129	Slot O Controller (Pt # 2056AS362-01)	1	Nov 94	GFE	Onboard
GPTE					
2001	Pneumatic Console (Pt # 2051AS163-05)	1	Nov 94	GFE	Onboard
ST					
3011	Card Puller (Pt # 854-605-01)	3	Nov 94	GFE	Onboard
3017	Adapter Set (Pt # 2047AS258-01)	2	Nov 94	GFE	Onboard
3019	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 94	GFE	Onboard
3053	Plug In Unit (Pt # 70900B)	1	Nov 94	GFE	Onboard
3054	Plug In Unit (Pt # HP70100A)	1	Nov 94	GFE	Onboard
3055	DMM Multimeter (Pt # 70110A-H10)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

3056	Test Accessory Kit (Pt # 2053AS340-01)	2	Nov 94	GFE	Onboard
3057	On Site Maintenance (OSM) Connect Adapter (Pt # 3288)	2	Nov 94	GFE	Onboard
3058	Connector Adapter (Pt # 11903C)	2	Nov 94	GFE	Onboard
3059	Special Purpose Cable Assembly (Pt # 854-895-54)	4	Nov 94	GFE	Onboard
3060	Connector Extraction Tool (Pt # 910110102)	3	Nov 94	GFE	Onboard
3061	Mini Extraction Tool (Pt # 910112104)	3	Nov 94	GFE	Onboard
3062	Circuit Card Assembly - Extraction Tool (Pt # 6126-978)	3	Nov 94	GFE	Onboard
GPETE					
5001	O'scope (Pt # TDS-620A)	3	Nov 94	GFE	Onboard
5004	Digital Multimeter (Pt # 77/BN)	3	Nov 94	GFE	Onboard
5007	Scope Adapter (Pt # 1688)	2	Nov 94	GFE	Onboard
SPETE					
6121	Electrical Cable Test Set (Pt # 2052AS826-TPI)	2	Nov 94	GFE	Onboard

CIN, COURSE TITLE: C-198-3070, AN/USM-636A(V) EO+/FLIR Intermediate Maintenance Course (Track E-198-6108)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0001	Controller Processor (Pt # 3061270-2)	1	Nov 94	GFE	Onboard
0002	Servo Controller (Pt # 242607-2)	1	Nov 94	GFE	Onboard
0003	Laser Power Supply (Pt # 66910600-29)	1	Nov 94	GFE	Onboard
0004	Digital Data Transfer Compensator (Pt # 6096500-110)	1	Nov 94	GFE	Onboard
0005	Thermal Control Unit (Pt # 6069400-110)	1	Nov 94	GFE	Onboard
0006	Infrared Receiver (IRR) (Pt # 3061250-1)	1	Nov 94	GFE	Onboard
0007	Infrared Converter (Pt # 6096300-113)	1	Nov 94	GFE	Onboard
0008	Laser Detector (Pt # 71321200-019)	1	Nov 94	GFE	Onboard
0009	Laser Receiver/Transmitter (Pt # 66910100-29)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0010	Receiver Assembly - OR263 (Pt # 2770627-1)	1	Nov 94	GFE	Onboard
0011	FLIR Imaging (Pt # 6096300-112)	1	Nov 94	GFE	Onboard
0012	Forward Section Pod (Pt # 260344)	1	Nov 94	GFE	Onboard
0013	Optics Stabilizer (Pt # 260258)	1	Nov 94	GFE	Onboard
0014	UUT Air Cooler (Pt # 484000-1211)	1	Nov 94	GFE	Onboard
0015	Electro-Optics Test Set (EOTS) Coolant Unit (Pt # 74D740194-1001)	1	Nov 94	GFE	Onboard
0016	External Hard Drive (Pt # 2056AS137-01)	1	Nov 94	GFE	Onboard
ST					
3001	HP1 Coolant Hose (Pt # 74D741291-1001)	1	Nov 94	GFE	Onboard
3002	HP2 Coolant Hose (Pt # 74D741291-1003)	1	Nov 94	GFE	Onboard
3003	W1 Cable Assembly (Pt # 74D741287-1001)	1	Nov 94	GFE	Onboard
3004	HP3 Cable Assembly (Pt # 74D741287-1005)	1	Nov 94	GFE	Onboard
3005	HP4 Coolant Hose (Pt # 74D1287-1007)	1	Nov 94	GFE	Onboard
3006	Quick Disconnect (QD) Coolant (Pt # 74D741287-1009)	1	Nov 94	GFE	Onboard
3007	Hard Drive VXI (Classified) (Pt # E4208C)	1	Nov 94	GFE	Onboard
3008	EO Cart Assembly (Pt # 63E919617G1)	1	Nov 94	GFE	Onboard
3009	IRR Ring Mirror Alignment Tool, A (Pt # 74D740295-5)	1	Nov 94	GFE	Onboard
3010	IRR Ring Mirror Alignment Tool, B (Pt # 74D740295-1001)	1	Nov 94	GFE	Onboard
3011	Card Puller (Pt # 854-605-01)	1	Nov 94	GFE	Onboard
3012	Optical Disks (Pt # 15176)	7	Nov 94	GFE	Onboard
GPETE					
5001	O'scope (Pt # TDS-620A)	1	Nov 94	GFE	Onboard
SPETE					
6001	Block II Hybrid (Pt # 2045AS400-04)	1	Nov 94	GFE	Onboard
6002	Common ID Assembly (Pt # 2051AS610-01)	1	Nov 94	GFE	Onboard
6003	Test Accessory Kit (Pt # 2053AS340-01)	1	Nov 94	GFE	Onboard
6004	Interface Device (Pt # 2042AS006-02)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

6005	SMAT Cable Set (Pt # 2043AS303-01)	1	Nov 94	GFE	Onboard
6006	TPS EOTS Lot 1 (Pt # 74D060308-1001)	1	Nov 94	GFE	Onboard
6007	TPS EOTS Lot 3 (Pt # 74D060310-1001)	1	Nov 94	GFE	Onboard
6008	TPS EOTS Lot 4 (Pt # 74D060311-1001)	1	Nov 94	GFE	Onboard
6009	TPS EOTS Lot 5 (Pt # 74D0D0312-1001)	1	Nov 94	GFE	Onboard
6010	Adapter Set (Pt # 2053AS573-01)	1	Nov 94	GFE	Onboard
6011	Dummy Load Set (Pt # 2053AS575-01)	1	Nov 94	GFE	Onboard
6012	Fixture Test Set (Pt # 2053AS574-01)	1	Nov 94	GFE	Onboard
6013	UUT Power Cable Set (Pt # 000CT001)	1	Nov 94	GFE	Onboard
6014	EOSS+ Console (Pt # 2055AS300-604)	1	Nov 94	GFE	Onboard
6015	Auto Gimbal Control System (AGCS) (Pt # RT-AGCS-FLD)	1	Nov 94	GFE	Onboard
6016	AGCS Shorting Plug A1 (Pt # 2056AS625)	1	Nov 94	GFE	Onboard
6017	AGCS Shorting Plug A2 (Pt # 2056AS626)	1	Nov 94	GFE	Onboard
6018	AGCS Shorting Plug A3 (Pt # 2056AS627)	1	Nov 94	GFE	Onboard
6019	AGCS Shorting Plug A4 (Pt # 2056AS628)	1	Nov 94	GFE	Onboard
6020	Multi-Purpose Stroke Raster Dis. (Pt # 706290-1)	1	Nov 94	GFE	Onboard

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance
(Track E-198-6109)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0062	CASS - Electro Optical (Pt # 2048AS775-04)	2	Nov 94	GFE	Onboard
ST					
3021	Connector Adapter (Pt # PE9011)	2	Nov 94	GFE	Onboard
3022	Pressure Hose (Pt # 2051AS091-01)	2	Nov 94	GFE	Onboard
3023	Pressure Hose (Pt # 2051AS092-01)	2	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

3024	Pneumatics Installation Kit (Pt # 2048AS816-05P)	2	Nov 94	GFE	Onboard
3025	Relief Pressure Valve (Pt # SS4CPA2-3W/ORS)	2	Nov 94	GFE	Onboard
3026	Safety Relief Valve (Pt # SS4CPA2-50W/ORS)	2	Nov 94	GFE	Onboard
3027	Dummy Load (Pt # 909D)	2	Nov 94	GFE	Onboard
3028	Low Frequency Power Meter (Pt # 436A-CS)	2	Nov 94	GFE	Onboard
SPETE					
6042	Connector Adapter (Pt # 11903C)	2	Nov 94	GFE	Onboard
6043	Connector Adapter (Pt # 1250-1743)	2	Nov 94	GFE	Onboard
6044	Cable Assembly (Pt # HP10833A)	2	Nov 94	GFE	Onboard
6045	Cable Assembly (Pt # 11730A)	2	Nov 94	GFE	Onboard
6047	CASS - CNI Test Set-LRIP (Pt # 2048AS775-03)	2	Nov 94	GFE	Onboard
6048	Electrical Load Bank (Pt # 2046AS337-01)	2	Nov 94	GFE	Onboard
6049	Cable Assembly (Pt # FB0HG0HG038.0)	2	Nov 94	GFE	Onboard
6050	Connector Adapter (Pt # OJB)	2	Nov 94	GFE	Onboard
6051	Connector Adapter (Pt # OFJ)	2	Nov 94	GFE	Onboard
6052	Connector Adapter (Pt # OJK)	2	Nov 94	GFE	Onboard
6053	Coupler Test Set (Pt # 2042AS005-01)	2	Nov 94	GFE	Onboard
6054	Cable Assembly Set (Pt # 2043AS302-01)	2	Nov 94	GFE	Onboard
6055	Adapter Set (Pt # 2043AS649-01)	2	Nov 94	GFE	Onboard
6056	Connector Adapter (Pt # 1250-1744)	2	Nov 94	GFE	Onboard
6057	Connector Adapter (Pt # 8022A1)	2	Nov 94	GFE	Onboard
6058	Adapter Test Set (Pt # 2047AS258-01)	2	Nov 94	GFE	Onboard
6059	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance
 (Track E-198-6109)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0062	CASS - Electro Optical (Pt # 2048AS775-04)	2	Nov 94	GFE	Onboard
ST					
3021	Connector Adapter (Pt # PE9011)	2	Nov 94	GFE	Onboard
3022	Pressure Hose (Pt # 2051AS091-01)	2	Nov 94	GFE	Onboard
3023	Pressure Hose (Pt # 2051AS092-01)	2	Nov 94	GFE	Onboard
3024	Pneumatics Installation Kit (Pt # 2048AS816-05P)	2	Nov 94	GFE	Onboard
3025	Relief Pressure Valve (Pt # SS4CPA2-3W/ORS)	2	Nov 94	GFE	Onboard
3026	Safety Relief Valve (Pt # SS4CPA2-%)W/ORS)	2	Nov 94	GFE	Onboard
3027	Dummy Load (Pt # 909D)	2	Nov 94	GFE	Onboard
3028	Low Frequency Power Meter (Pt # 436A-CS)	2	Nov 94	GFE	Onboard
SPETE					
6042	Connector Adapter (Pt # 11903C)	2	Nov 94	GFE	Onboard
6043	Connector Adapter (Pt # 1250-1743)	2	Nov 94	GFE	Onboard
6044	Cable Assembly (Pt # HP10833A)	2	Nov 94	GFE	Onboard
6045	Cable Assembly (Pt # 11730A)	2	Nov 94	GFE	Onboard
6047	CASS - CNI Test Set-LRIP (Pt # 2048AS775-03)	2	Nov 94	GFE	Onboard
6048	Electrical Load Bank (Pt # 2046AS337-01)	2	Nov 94	GFE	Onboard
6049	Cable Assembly (Pt # FB0HG0HG038.0)	2	Nov 94	GFE	Onboard
6050	Connector Adapter (Pt # OJB)	2	Nov 94	GFE	Onboard
6051	Connector Adapter (Pt # OJF)	2	Nov 94	GFE	Onboard
6052	Connector Adapter (Pt # OJK)	2	Nov 94	GFE	Onboard
6053	Coupler Test Set (Pt # 2042AS005-01)	2	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

6054	Cable Assembly Set (Pt # 2043AS302-01)	2	Nov 94	GFE	Onboard
6055	Adapter Set (Pt # 2043AS649-01)	2	Nov 94	GFE	Onboard
6056	Connector Adapter (Pt # 1250-1744)	2	Nov 94	GFE	Onboard
6057	Connector Adapter (Pt # 8022A1)	2	Nov 94	GFE	Onboard
6058	Adapter Test Set (Pt # 2047AS258-01)	2	Nov 94	GFE	Onboard
6059	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 94	GFE	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6109)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0016	External Hard Drive (Pt # 2056AS137-01)	1	Jul 03	GFE	Pending
0026	Power Supply (Pt # 1896AS300-03)	1	Jul 03	GFE	Pending
0031	Circuit Card Assembly - Power Switch (Pt # 1897AS159-01)	1	Jul 03	GFE	Pending
0035	Central Processing Unit (CPU) (Pt # M7625-AA)	1	Jul 03	GFE	Pending
0037	Power Supply (Pt # 1896AS200-02)	1	Jul 03	GFE	Pending
0038	Power Supply (Pt # 1896AS300-02)	1	Jul 03	GFE	Pending
0039	Power Supply (Pt # 1896AS300-01)	1	Jul 03	GFE	Pending
0040	Circuit Card Assembly - Coax Switch (Pt # 1897AS162-01)	1	Jul 03	GFE	Pending
0041	Data Indicator (Pt # A51A9010-11)	1	Jul 03	GFE	Pending
0042	Power Supply (Pt # 1896AS501-01)	1	Jul 03	GFE	Pending
0043	Circuit Card Assembly (Pt # 1897AS165-01)	1	Jul 03	GFE	Pending
0048	Buffer Storage Unit (Pt # 2044AS734-01)	1	Jul 03	GFE	Pending
0051	Battery Assembly (Pt # 2049AS026-01)	2	Jul 03	GFE	Pending
0053	Circuit Card Assembly (Pt # A51A9011-5)	1	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0054	Control Generator (Pt # A51A9147-5)	1	Jul 03	GFE	Pending
0055	Gyroscope Assembly (Pt # A51A9002-29)	1	Jul 03	GFE	Pending
0058	Circuit Card Assembly - Power Controller (Pt # 2048AS464-01)	1	Jul 03	GFE	Pending
0093	Circuit Card Assembly (Pt # M7516-PA)	1	Jul 03	GFE	Pending
0094	Circuit Card Assembly (Pt # 2044AS737-01)	1	Jul 03	GFE	Pending
0095	Circuit Card Assembly (Pt # 1896AS889-01)	1	Jul 03	GFE	Pending
0096	Circuit Card Assembly (Pt # 1896AS960-01)	1	Jul 03	GFE	Pending
0097	Generator (Pt # 1897AS080-01)	1	Jul 03	GFE	Pending
0098	Circuit Card Assembly - Housekeeper (Pt # 859-815-00)	1	Jul 03	GFE	Pending
0098	Circuit Card Assembly (Pt # M719)	1	Jul 03	GFE	Pending
0098	CFSD Distributing System (Pt # 2049AS82-01)	1	Jul 03	GFE	Pending
0099	Circuit Card Assembly - MS1553 (Pt # 859-215-00)	1	Jul 03	GFE	Pending
0100	Circuit Card Assembly - WDDA (Pt # 2048AS996-01)	1	Jul 03	GFE	Pending
0101	LVSS (Pt # 1896AS501-01)	1	Jul 03	GFE	Pending
0102	ASSCON (Pt # 1896AS889-01)	1	Jul 03	GFE	Onboard
0103	Power Supply (Pt # 1896AS300-03)	1	Jul 03	GFE	Pending
0104	GPI Coax Switch (Pt # 1897AS165-01)	1	Jul 03	GFE	Pending
0105	SGMA (Pt # 22036AS001-01)	1	Jul 03	GFE	Pending
0106	Circuit Card Assembly - Channel (Pt # M-890-03)	1	Jul 03	GFE	Pending
0107	LWPL (Pt # 1897AS247-01)	1	Jul 03	GFE	Pending
0108	DTU Backplane (Pt # 854-895-75)	1	Jul 03	GFE	Pending
0109	CASS Hybrid Test Station (Pt # 2054AS400-01)	6	Jul 03	GFE	Pending
0110	CASS CNI Test Station (Pt # 2054AS400-03)	2	Jul 03	GFE	Pending
0111	CASS RF Test Station (Pt # 2054AS400-02)	2	Jul 03	GFE	Pending
0112	Common Interface Device Assembly (Pt # 2051AS610-01)	2	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0113	Interface Device (Pt # 2042AS006-01)	2	Jul 03	GFE	Pending
0114	LVSS (MAMS) Power Supply (Pt # 1896AS501-04)	1	Jul 03	GFE	Pending
0115	LVSS (MAMS) Power Supply (Pt # 1896AS501-05)	1	Jul 03	GFE	Pending
0116	LVSS (MAMS) Power Supply (Pt # 1896AS501-10)	1	Jul 03	GFE	Pending
0117	Circuit Card Assembly - Asset Control (Pt # 1896AS889-02)	1	Jul 03	GFE	Pending
0118	Circuit Card Assembly - Asset Control (Pt # 1896AS889-03)	1	Jul 03	GFE	Pending
0119	Circuit Card Assembly - Asset Control (Pt # 1896AS889-04)	1	Jul 03	GFE	Pending
0120	Electrical Distributing System (Pt # 2049AS482-01)	1	Jul 03	GFE	Pending
0121	Circuit Card Assembly - Power Control #1 (Pt # 2048AS464-01)	1	Jul 03	GFE	Pending
0122	Circuit Card Assembly - Power Control #2 (Pt # 2048AS821-01)	1	Jul 03	GFE	Pending
0123	Circuit Card Assembly - Power Control #3 (Pt # 2048AS824-01)	1	Jul 03	GFE	Pending
0124	Circuit Card Assembly - Power Control #4 (Pt # 2049AS498-01)	1	Jul 03	GFE	Pending
0125	Circuit Card Assembly - DTU CT 511 (Pt # 859-511-00)	1	Jul 03	GFE	Pending
0126	Circuit Card Assembly - (MAMS) (Pt # M7622)	1	Jul 03	GFE	Pending
0127	Receiver Subassembly - Circuit Card Assembly (MAMS) (Pt # M7625-AA)	1	Jul 03	GFE	Pending
0128	Communication Interface Unit (Pt # 2T-22477-01)	1	Jul 03	GFE	Pending
0129	Slot O Controller (Pt # 2056AS362-01)	1	Jul 03	GFE	Pending
GPTE					
2001	Pneumatic Console (Pt # 2051AS163-05)	1	Jul 03	GFE	Pending
ST					
3011	Card Puller (Pt # 854-605-01)	3	Jul 03	GFE	Pending
3017	Adapter Set (Pt # 2047AS258-01)	2	Jul 03	GFE	Pending
3019	SMAT Cable Set (Pt # 2043AS303-01)	2	Jul 03	GFE	Pending
3053	Plug In Unit (Pt # 70900B)	1	Jul 03	GFE	Pending
3054	Plug In Unit (Pt # HP70100A)	1	Jul 03	GFE	Pending
3055	DMM Multimeter (Pt # 70110A-H10)	1	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

3056	Test Accessory Kit (Pt # 2053AS340-01)	2	Jul 03	GFE	Pending
3057	On Site Maintenance (OSM) Connect Adapter (Pt # 3288)	2	Jul 03	GFE	Pending
3058	Connector Adapter (Pt # 11903C)	2	Jul 03	GFE	Pending
3059	Special Purpose Cable Assembly (Pt # 854-895-54)	4	Jul 03	GFE	Pending
3060	Connector Extraction Tool (Pt # 910110102)	3	Jul 03	GFE	Onboard
3061	Mini Extraction Tool (Pt # 910112104)	3	Jul 03	GFE	Pending
3062	Circuit Card Assembly - Extraction Tool (Pt # 6126-978)	3	Jul 03	GFE	Pending
GPETE					
5001	O'scope (Pt # TDS-620A)	3	Jul 03	GFE	Pending
5004	Digital Multimeter (Pt # 77/BN)	3	Jul 03	GFE	Pending
5007	Scope Adapter (Pt # 1688)	2	Jul 03	GFE	Pending
SPETE					
6121	Electrical Cable Test Set (Pt # 2052AS826-TPI)	2	Jul 03	GFE	Pending

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6109)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0016	External Hard Drive (Pt # 2056AS137-01)	1	Nov 94	GFE	Onboard
0026	Power Supply (Pt # 1896AS300-03)	1	Nov 94	GFE	Onboard
0031	Circuit Card Assembly - Power Switch (Pt # 1897AS159-01)	1	Nov 94	GFE	Onboard
0035	Central Processing Unit (CPU) (Pt # M7625-AA)	1	Nov 94	GFE	Onboard
0037	Power Supply (Pt # 1896AS200-02)	1	Nov 94	GFE	Onboard
0038	Power Supply (Pt # 1896AS300-02)	1	Nov 94	GFE	Onboard
0039	Power Supply (Pt # 1896AS300-01)	1	Nov 94	GFE	Onboard
0040	Circuit Card Assembly - Coax Switch (Pt # 1897AS162-01)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0041	Data Indicator (Pt # A51A9010-11)	1	Nov 94	GFE	Onboard
0042	Power Supply (Pt # 1896AS501-01)	1	Nov 94	GFE	Onboard
0043	Circuit Card Assembly (Pt # 1897AS165-01)	1	Nov 94	GFE	Onboard
0048	Buffer Storage Unit (Pt # 2044AS734-01)	1	Nov 94	GFE	Onboard
0051	Battery Assembly (Pt # 2049AS026-01)	2	Nov 94	GFE	Onboard
0053	Circuit Card Assembly (Pt # A51A9011-5)	1	Nov 94	GFE	Onboard
0054	Control Generator (Pt # A51A9147-5)	1	Nov 94	GFE	Onboard
0055	Gyroscope Assembly (Pt # A51A9002-29)	1	Nov 94	GFE	Onboard
0058	Circuit Card Assembly - Power Controller (Pt # 2048AS464-01)	1	Nov 94	GFE	Onboard
0093	Circuit Card Assembly (Pt # M7516-PA)	1	Nov 94	GFE	Onboard
0094	Circuit Card Assembly (Pt # 2044AS737-01)	1	Nov 94	GFE	Onboard
0095	Circuit Card Assembly (Pt # 1896AS889-01)	1	Nov 94	GFE	Onboard
0096	Circuit Card Assembly (Pt # 1896AS960-01)	1	Nov 94	GFE	Onboard
0097	Generator (Pt # 1897AS080-01)	1	Nov 94	GFE	Onboard
0098	Circuit Card Assembly (Pt # M719)	1	Nov 94	GFE	Onboard
0098	Circuit Card Assembly - Housekeeper (Pt # 859-815-00)	1	Nov 94	GFE	Onboard
0098	CFSD Distributing System (Pt # 2049AS82-01)	1	Nov 94	GFE	Onboard
0099	Circuit Card Assembly - MS1553 (Pt # 859-215-00)	1	Nov 94	GFE	Onboard
0100	Circuit Card Assembly - WDDA (Pt # 2048AS996-01)	1	Nov 94	GFE	Onboard
0101	LVSS (Pt # 1896AS501-01)	1	Nov 94	GFE	Onboard
0102	ASSCON (Pt # 1896AS889-01)	1	Nov 94	GFE	Onboard
0103	Power Supply (Pt # 1896AS300-03)	1	Nov 94	GFE	Onboard
0104	GPI Coax Switch (Pt # 1897AS165-01)	1	Nov 94	GFE	Onboard
0105	SGMA (Pt # 22036AS001-01)	1	Nov 94	GFE	Onboard
0106	Circuit Card Assembly - Channel (Pt # M-890-03)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0107	LWPL (Pt # 1897AS247-01)	1	Nov 94	GFE	Onboard
0108	DTU Backplane (Pt # 854-895-75)	1	Nov 94	GFE	Onboard
0109	CASS Hybrid Test Station (Pt # 2054AS400-01)	6	Nov 94	GFE	Onboard
0110	CASS CNI Test Station (Pt # 2054AS400-03)	2	Nov 94	GFE	Onboard
0111	CASS RF Test Station (Pt # 2054AS400-02)	2	Nov 94	GFE	Onboard
0112	Common Interface Device Assembly (Pt # 2051AS610-01)	2	Nov 94	GFE	Onboard
0113	Interface Device (Pt # 2042AS006-01)	2	Nov 94	GFE	Onboard
0114	LVSS (MAMS) Power Supply (Pt # 1896AS501-04)	1	Nov 94	GFE	Onboard
0115	LVSS (MAMS) Power Supply (Pt # 1896AS501-05)	1	Nov 94	GFE	Onboard
0116	LVSS (MAMS) Power Supply (Pt # 1896AS501-10)	1	Nov 94	GFE	Onboard
0117	Circuit Card Assembly - Asset Control (Pt # 1896AS889-02)	1	Nov 94	GFE	Onboard
0118	Circuit Card Assembly - Asset Control (Pt # 1896AS889-03)	1	Nov 94	GFE	Onboard
0119	Circuit Card Assembly - Asset Control (Pt # 1896AS889-04)	1	Nov 94	GFE	Onboard
0120	Electrical Distributing System (Pt # 2049AS482-01)	1	Nov 94	GFE	Onboard
0121	Circuit Card Assembly - Power Control #1 (Pt # 2048AS464-01)	1	Nov 94	GFE	Onboard
0122	Circuit Card Assembly - Power Control #2 (Pt # 2048AS821-01)	1	Nov 94	GFE	Onboard
0123	Circuit Card Assembly - Power Control #3 (Pt # 2048AS824-01)	1	Nov 94	GFE	Onboard
0124	Circuit Card Assembly - Power Control #4 (Pt # 2049AS498-01)	1	Nov 94	GFE	Onboard
0125	Circuit Card Assembly - DTU CT 511 (Pt # 859-511-00)	1	Nov 94	GFE	Onboard
0126	Circuit Card Assembly - (MAMS) (Pt # M7622)	1	Nov 94	GFE	Onboard
0127	Receiver Subassembly - Circuit Card Assembly (MAMS((Pt # M7625-AA)	1	Nov 94	GFE	Onboard
0128	Communication Interface Unit (Pt # 2T-22477-01)	1	Nov 94	GFE	Onboard
0129	Slot O Controller (Pt # 2056AS362-01)	1	Nov 94	GFE	Onboard
GPTE					
2001	Pneumatic Console (Pt # 2051AS163-05)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

ST

3011	Card Puller (Pt # 854-605-01)	3	Nov 94	GFE	Onboard
3017	Adapter Set (Pt # 2047AS258-01)	2	Nov 94	GFE	Onboard
3019	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 94	GFE	Onboard
3053	Plug In Unit (Pt # 70900B)	1	Nov 94	GFE	Onboard
3054	Plug In Unit (Pt # HP70100A)	1	Nov 94	GFE	Onboard
3055	DMM Multimeter (Pt # 70110A-H10)	1	Nov 94	GFE	Onboard
3056	Test Accessory Kit (Pt # 2053AS340-01)	2	Nov 94	GFE	Onboard
3057	On Site Maintenance (OSM) Connect Adapter (Pt # 3288)	2	Nov 94	GFE	Onboard
3058	Connector Adapter (Pt # 11903C)	2	Nov 94	GFE	Onboard
3059	Special Purpose Cable Assembly (Pt # 854-895-54)	4	Nov 94	GFE	Onboard
3060	Connector Extraction Tool (Pt # 910110102)	3	Nov 94	GFE	Onboard
3061	Mini Extraction Tool (Pt # 910112104)	3	Nov 94	GFE	Onboard
3062	Circuit Card Assembly - Extraction Tool (Pt # 6126-978)	3	Nov 94	GFE	Onboard

GPETE

5001	O'scope (Pt # TDS-620A)	3	Nov 94	GFE	Onboard
5004	Digital Multimeter (Pt # 77/BN)	3	Nov 94	GFE	Onboard
5007	Scope Adapter (Pt # 1688)	2	Nov 94	GFE	Onboard

SPETE

6121	Electrical Cable Test Set (Pt # 2052AS826-TPI)	2	Nov 94	GFE	Onboard
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CIN, COURSE TITLE: C-198-3071, AN/USM-636A(V) High Powered Device Test Subsystem Operator and Maintenance Course (Track E-198-6109)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0017	Receiver-Converter - R-2005/AAS-36 (Pt # 2001210-1)	1	Nov 94	GFE	Onboard
0018	Power Supply Video Converter - PP-7267/AAS-36 (Pt # 2001220-1)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0019	Control Servomechanism - C-9982/AAS-36 (Pt # 2001230-1)	1	Nov 94	GFE	Onboard
0020	Control Box - C-9983/AAS-36 (Pt # 2001240-1)	1	Nov 94	GFE	Onboard
0021	Target Tracking Sight Control - C-9984/AAS-36 (Pt # 2001250-1)	1	Nov 94	GFE	Onboard
0022	Video Indicator - IP-1240/AAS-36 (Pt # 2001260-2)	1	Nov 94	GFE	Onboard
0023	Video Display Assembly (Pt # 885A011-00000)	1	Nov 94	GFE	Onboard
0024	Control Indicator (Pt # 885A021-00000)	1	Nov 94	GFE	Onboard
ST					
3013	Test Bench Harness Set (Pt # 885-000-00616)	1	Nov 94	GFE	Onboard
3014	Torque Gage (Pt # 651C3)	1	Nov 94	GFE	Onboard
GPETE					
5002	Digital Multimeter (Pt # 832840)	1	Nov 94	GFE	Onboard
SPETE					
6021	AAM-60(V)2 Electro-Optical Test Set (Pt #920-10302-1)	1	Nov 94	GFE	Onboard
6022	Detector Test Set (Pt # 218-08109-101)	1	Nov 94	GFE	Onboard
6023	Video Signal Simulator (Pt # 1210S8-1301S4)	1	Nov 94	GFE	Onboard

CIN, COURSE TITLE: C-198-3071, AN/USM-636A(V) High Powered Device Test Subsystem Operator and Maintenance Course (Track E-198-6109)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0017	Receiver-Converter - R-2005/AAS-36 (Pt # 2001210-1)	1	Nov 94	GFE	Onboard
0018	Power Supply Video Converter - PP-7267/AAS-36 (Pt # 2001220-1)	1	Nov 94	GFE	Onboard
0019	Control Servomechanism - C-9982/AAS-36 (Pt # 2001230-1)	1	Nov 94	GFE	Onboard
0020	Control Box - C-9983/AAS-36 (Pt # 2001240-1)	1	Nov 94	GFE	Onboard
0021	Target Tracking Sight Control - C-9984/AAS-36 (Pt # 2001250-1)	1	Nov 94	GFE	Onboard
0022	Video Indicator - IP-1240/AAS-36 (Pt # 2001260-2)	1	Nov 94	GFE	Onboard
0023	Video Display Assembly (Pt # 885A011-00000)	1	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0024	Control Indicator (Pt # 885A021-00000)	1	Nov 94	GFE	Onboard
ST					
3013	Test Bench Harness Set (Pt # 885-000-00616)	1	Nov 94	GFE	Onboard
3014	Torque Gage (Pt # 651C3)	1	Nov 94	GFE	Onboard
GPETE					
5002	Digital Multimeter (Pt # 832840)	1	Nov 94	GFE	Onboard
SPETE					
6021	AAM-60(V)2 Electro-Optical Test Set (Pt #920-10302-1)	1	Nov 94	GFE	Onboard
6022	Detector Test Set (Pt # 218-08109-101)	1	Nov 94	GFE	Onboard
6023	Video Signal Simulator (Pt # 1210S8-1301S4)	1	Nov 94	GFE	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6106)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0016	External Hard Drive (Pt # 2056AS137-01)	1	Jul 03	GFE	Pending
0026	Power Supply (Pt # 1896AS300-03)	1	Jul 03	GFE	Pending
0031	Circuit Card Assembly - Power Switch (Pt # 1897AS159-01)	1	Jul 03	GFE	Pending
0035	Central Processing Unit (CPU) (Pt # M7625-AA)	1	Jul 03	GFE	Pending
0037	Power Supply (Pt # 1896AS200-02)	1	Jul 03	GFE	Pending
0038	Power Supply (Pt # 1896AS300-02)	1	Jul 03	GFE	Pending
0039	Power Supply (Pt # 1896AS300-01)	1	Jul 03	GFE	Pending
0040	Circuit Card Assembly - Coax Switch (Pt # 1897AS162-01)	1	Jul 03	GFE	Pending
0041	Data Indicator (Pt # A51A9010-11)	1	Jul 03	GFE	Pending
0042	Power Supply (Pt # 1896AS501-01)	1	Jul 03	GFE	Pending
0043	Circuit Card Assembly (Pt # 1897AS165-01)	1	Jul 03	GFE	Pending
0048	Buffer Storage Unit (Pt # 2044AS734-01)	1	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0051	Battery Assembly (Pt # 2049AS026-01)	2	Jul 03	GFE	Pending
0053	Circuit Card Assembly (Pt # A51A9011-5)	1	Jul 03	GFE	Pending
0054	Control Generator (Pt # A51A9147-5)	1	Jul 03	GFE	Pending
0055	Gyroscope Assembly (Pt # A51A9002-29)	1	Jul 03	GFE	Pending
0058	Circuit Card Assembly - Power Controller (Pt # 2048AS464-01)	1	Jul 03	GFE	Pending
0093	Circuit Card Assembly (Pt # M7516-PA)	1	Jul 03	GFE	Pending
0094	Circuit Card Assembly (Pt # 2044AS737-01)	1	Jul 03	GFE	Pending
0095	Circuit Card Assembly (Pt # 1896AS889-01)	1	Jul 03	GFE	Pending
0096	Circuit Card Assembly (Pt # 1896AS960-01)	1	Jul 03	GFE	Pending
0097	Generator (Pt # 1897AS080-01)	1	Jul 03	GFE	Pending
0098	Circuit Card Assembly - Housekeeper (Pt # 859-815-00)	1	Jul 03	GFE	Pending
0098	Circuit Card Assembly (Pt # M719)	1	Jul 03	GFE	Pending
0098	CFSD Distributing System (Pt # 2049AS82-01)	1	Jul 03	GFE	Pending
0099	Circuit Card Assembly - MS1553 (Pt # 859-215-00)	1	Jul 03	GFE	Pending
0100	Circuit Card Assembly - WDDA (Pt # 2048AS996-01)	1	Jul 03	GFE	Pending
0101	LVSS (Pt # 1896AS501-01)	1	Jul 03	GFE	Pending
0102	ASSCON (Pt # 1896AS889-01)	1	Jul 03	GFE	Pending
0103	Power Supply (Pt # 1896AS300-03)	1	Jul 03	GFE	Pending
0104	GPI Coax Switch (Pt # 1897AS165-01)	1	Jul 03	GFE	Pending
0105	SGMA (Pt # 22036AS001-01)	1	Jul 03	GFE	Pending
0106	Circuit Card Assembly - Channel (Pt # M-890-03)	1	Jul 03	GFE	Pending
0107	LWPL (Pt # 1897AS247-01)	1	Jul 03	GFE	Pending
0108	DTU Backplane (Pt # 854-895-75)	1	Jul 03	GFE	Pending
0109	CASS Hybrid Test Station (Pt # 2054AS400-01)	6	Jul 03	GFE	Pending
0110	CASS CNI Test Station (Pt # 2054AS400-03)	2	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0111	CASS RF Test Station (Pt # 2054AS400-02)	2	Jul 03	GFE	Pending
0112	Common Interface Device Assembly (Pt # 2051AS610-01)	2	Jul 03	GFE	Pending
0113	Interface Device (Pt # 2042AS006-01)	2	Jul 03	GFE	Pending
0114	LVSS (MAMS) Power Supply (Pt # 1896AS501-04)	1	Jul 03	GFE	Pending
0115	LVSS (MAMS) Power Supply (Pt # 1896AS501-05)	1	Jul 03	GFE	Pending
0116	LVSS (MAMS) Power Supply (Pt # 1896AS501-10)	1	Jul 03	GFE	Pending
0117	Circuit Card Assembly - Asset Control (Pt # 1896AS889-02)	1	Jul 03	GFE	Pending
0118	Circuit Card Assembly - Asset Control (Pt # 1896AS889-03)	1	Jul 03	GFE	Pending
0119	Circuit Card Assembly - Asset Control (Pt # 1896AS889-04)	1	Jul 03	GFE	Pending
0120	Electrical Distributing System (Pt # 2049AS482-01)	1	Jul 03	GFE	Pending
0121	Circuit Card Assembly - Power Control #1 (Pt # 2048AS464-01)	1	Jul 03	GFE	Pending
0122	Circuit Card Assembly - Power Control #2 (Pt # 2048AS821-01)	1	Jul 03	GFE	Pending
0123	Circuit Card Assembly - Power Control #3 (Pt # 2048AS824-01)	1	Jul 03	GFE	Pending
0124	Circuit Card Assembly - Power Control #4 (Pt # 2049AS498-01)	1	Jul 03	GFE	Pending
0125	Circuit Card Assembly - DTU CT 511 (Pt # 859-511-00)	1	Jul 03	GFE	Pending
0126	Circuit Card Assembly - (MAMS) (Pt # M7622)	1	Jul 03	GFE	Pending
0127	Receiver Subassembly - Circuit Card Assembly (MAMS) (Pt # M7625-AA)	1	Jul 03	GFE	Pending
0128	Communication Interface Unit (Pt # 2T-22477-01)	1	Jul 03	GFE	Pending
0129	Slot O Controller (Pt # 2056AS362-01)	1	Jul 03	GFE	Pending
GPTE					
2001	Pneumatic Console (Pt # 2051AS163-05)	1	Jul 03	GFE	Pending
ST					
3011	Card Puller (Pt # 854-605-01)	3	Jul 03	GFE	Pending
3017	Adapter Set (Pt # 2047AS258-01)	2	Jul 03	GFE	Pending
3019	SMAT Cable Set (Pt # 2043AS303-01)	2	Jul 03	GFE	Pending
3053	Plug In Unit (Pt # 70900B)	1	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

3054	Plug In Unit (Pt # HP70100A)	1	Jul 03	GFE	Pending
3055	DMM Multimeter (Pt # 70110A-H10)	1	Jul 03	GFE	Pending
3056	Test Accessory Kit (Pt # 2053AS340-01)	2	Jul 03	GFE	Pending
3057	On Site Maintenance (OSM) Connect Adapter (Pt # 3288)	2	Jul 03	GFE	Pending
3058	Connector Adapter (Pt # 11903C)	2	Jul 03	GFE	Pending
3059	Special Purpose Cable Assembly (Pt # 854-895-54)	4	Jul 03	GFE	Pending
3060	Connector Extraction Tool (Pt # 910110102)	3	Jul 03	GFE	Pending
3061	Mini Extraction Tool (Pt # 910112104)	3	Jul 03	GFE	Pending
3062	Circuit Card Assembly - Extraction Tool (Pt # 6126-978)	3	Jul 03	GFE	Pending
GPETE					
5001	O'scope (Pt # TDS-620A)	3	Jul 03	GFE	Pending
5004	Digital Multimeter (Pt # 77/BN)	3	Jul 03	GFE	Pending
5007	Scope Adapter (Pt # 1688)	2	Jul 03	GFE	Pending
SPETE					
6121	Electrical Cable Test Set (Pt # 2052AS826-TPI)	2	Jul 03	GFE	Pending

CIN, COURSE TITLE: C-198-3074, CASS Electronic Warfare (EW) With HPDTS Operator/Maintainer (Track E-198-6106)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0063	Countermeasures Xmtr Band 1E - ALQ-99F (Pt # 446010-2)	1	Jul 03	GFE	Pending
0064	Countermeasures Xmtr Band 2 - ALQ-99F (Pt # 363404-4)	1	Jul 03	GFE	Pending
0065	Countermeasures Xmtr Band 4T - ALQ-99F (Pt # 1037710-1P)	1	Jul 03	GFE	Pending
0066	Countermeasures Xmtr Band 5/6T - ALQ-99 (Pt # G555421-1P)	1	Jul 03	GFE	Pending
0067	Countermeasures Xmtr Band 7E - ALQ-99 (Pt # 929510-2P)	1	Jul 03	GFE	Pending
0068	Countermeasures Xmtr Band 8T - ALQ-99 (Pt # G555420-1P)	1	Jul 03	GFE	Pending
0069	Countermeasures Xmtr Band 9E - ALQ-99 (Pt # 443162-2EP)	1	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0070	Countermeasures Xmtr Band 9/10 - ALQ-99 (Pt # 424029-502)	1	Jul 03	GFE	Pending
0071	Receiver Countermeasures Band 1 (Pt # 362248-6)	1	Jul 03	GFE	Pending
0072	Receiver Countermeasures Band 2 (Pt # 362249-8)	1	Jul 03	GFE	Pending
0073	Receiver Countermeasures Band 4 (Pt # 362250-8)	1	Jul 03	GFE	Pending
0074	Receiver Countermeasures Band 5/6 (Pt # 398138-3)	1	Jul 03	GFE	Pending
0075	Receiver Countermeasures Band 7 (Pt # 362251-10)	1	Jul 03	GFE	Pending
0076	Receiver Countermeasures Band 8/9A (Pt # 398139-1)	1	Jul 03	GFE	Pending
0077	Receiver Countermeasures Band 8/9B (Pt # 398332-3)	1	Jul 03	GFE	Pending
0078	Amplifier - Antenna Detector (Pt # 398140-2)	1	Jul 03	GFE	Pending
0079	Static Frequency Converter (Pt # 430827-3)	1	Jul 03	GFE	Pending
0080	Signal Data Converter/Storer (Pt # 8903500-505)	1	Jul 03	GFE	Pending
0081	OTPS, EA-6B - ALQ-99 Transmitter (Pt # 736000-1)	2	Jul 03	GFE	Pending
0082	Auxiliary Power Unit (APU) Power Damping Assembly (Pt # 736670-1)	2	Jul 03	GFE	Pending
0083	OTPS, EA-6B - Receiver OTPS1 (Pt # TBD)	2	Jul 03	GFE	Pending
0084	OTPS, EA-6B - Digital Test Bench (DTB) Offload OTPS (Pt # TBD)	2	Jul 03	GFE	Pending
0085	OTPS, EA-6B - UEU WRA OTPS 801 (Pt # 802000107000-1)	2	Jul 03	GFE	Pending
0086	Interface Device - UEU WRA OTPS 801 (Pt # 802025107100-1)	2	Jul 03	GFE	Pending
0087	Adapter Assembly - UEU WRA OTPS 801 (Pt # 802025107200-1)	2	Jul 03	GFE	Pending
0088	Cable - UEU WRA OTPS 801 (Pt # 802025107400-1)	2	Jul 03	GFE	Pending
0089	Cable - UEU WRA OTPS 801 (Pt # 802025107400-2)	2	Jul 03	GFE	Pending
0090	Cable - UEU WRA OTPS 801 (Pt # 802025107400-3)	2	Jul 03	GFE	Pending
0091	Liquid Cooling Console (Pt # 3528AS300-01)	2	Jul 03	GFE	Pending
0092	External Hard Drive (Pt # 2056AS137-01)	2	Jul 03	GFE	Pending
ST					
3029	Holding Fixture - MT-7181/USM636 (Pt # 736310-1)	2	Jul 03	GFE	Pending
3030	Holding Fixture Assembly - UEU WRA OTPS (Pt # 802025107500-1)	2	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

3031	Air Plenum - UEU WRA OTPS 801 (Pt # 802025107508-1)	2	Jul 03	GFE	Pending
3032	Air Plenum - UEU WRA OTPS 801 (Pt # 802025107501-1)	2	Jul 03	GFE	Pending
3033	Hose - UEU WRA OTPS 801 (Pt # MS8005E480A)	2	Jul 03	GFE	Pending
3034	Hose - UEU WRA OTPS 801 (Pt # 802025107507-1)	2	Jul 03	GFE	Pending
3035	Connector - UEU WRA OTPS 801 (Pt # M55339/31-30001)	2	Jul 03	GFE	Pending
3036	Connector - UEU WRA OTPS 801 (Pt # 802027107407-1)	2	Jul 03	GFE	Pending
3037	Connector - UEU WRA OTPS 801 (Pt # SF994-6602)	2	Jul 03	GFE	Pending
3038	Self Test Adapter - UEU WRA 801 (Pt # 802025107316-1)	2	Jul 03	GFE	Pending
3039	Connector - UEU WRA OTPS 801 (Pt # 802027107405-1)	2	Jul 03	GFE	Pending
3040	Hipot Insulation Tester (Pt # H30YG)	2	Jul 03	GFE	Pending
3041	Fluid Calibration Test Box (Pt # IEA9100-01)	2	Jul 03	GFE	Pending
3042	SMAT - ID (Pt # 2042AS006-03)	2	Jul 03	GFE	Pending
3043	SMAT Cable Set (Pt # 2043AS303-01)	2	Jul 03	GFE	Pending
3044	Pressurization Set (Pt # 09-200822)	2	Jul 03	GFE	Pending
3045	Totalizing Time Meter (Pt # 1170-001)	2	Jul 03	GFE	Pending
3046	Automatic Leak Detector (Pt # TIF5550)	2	Jul 03	GFE	Pending
3047	Hydraulic Crane (Pt # Local Purchase)	1	Jul 03	GFE	Pending
3048	Sling Assembly (Pt # 802025090200)	1	Jul 03	GFE	Pending
3049	Nitrogen Cylinder (Pt # 1428AS100-1)	2	Jul 03	GFE	Pending
3050	Pressure Regulator (Pt # 3314621)	2	Jul 03	GFE	Pending
3051	Pressure Gage - 0-5000 (Pt # 322AS154-1)	2	Jul 03	GFE	Pending
3052	Pressure Gage - 0-60 (Pt # 40-0303)	2	Jul 03	GFE	Pending
GPETE					
5001	O'scope (Pt # TDS-620A)	1	Jul 03	GFE	Pending
5004	Digital Multimeter (Pt # 77/BN)	1	Jul 03	GFE	Pending
5006	Power Inverter - 400Hz (Pt # DFGA4090208)	2	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

SPETE

6060	Interface Device - ON-573 J-6516/USM-636)	2	Jul 03	GFE	Pending
6061	Calorimeter Subsystem - MX-11912/USM-636 (Pt # 7362000-1)	2	Jul 03	GFE	Pending
6062	High Voltage Load Assembly - MX-11910/USM-636 (Pt # 736400-1)	2	Jul 03	GFE	Pending
6063	Cable Set - MX-11908/USM-636 (Pt # 736500-1)	2	Jul 03	GFE	Pending
6064	Adapter Set - MX-11913/USM636 (Pt # 736900-1)	2	Jul 03	GFE	Pending
6065	OTPI/Operational Test Program Medium (OTPM) (Pt # 736700-*)	2	Jul 03	GFE	Pending
6066	Test Fixture - MX-7180/USM-636 (Pt # 736800-1)	2	Jul 03	GFE	Pending
6067	Handling Rotating Unit (Pt # 736300-1)	2	Jul 03	GFE	Pending
6068	Cable - UEU WRA OTPS 801 (Pt # 802025107400-4)	2	Jul 03	GFE	Pending
6069	Cable - UEU WRA OTPS 801 (Pt # 802025107401-7)	2	Jul 03	GFE	Pending
6070	Cable - UEU WRA OTPS 801 (Pt # 802025107403-1)	2	Jul 03	GFE	Pending
6071	Cable - UEU WRA OTPS 801 (Pt # 802025107401-1)	2	Jul 03	GFE	Pending
6072	Cable - UEU WRA OTPS 801 (Pt # 802025107405-1)	2	Jul 03	GFE	Pending
6073	Cable - UEU WRA OTPS 801 (Pt # 802025107407-1)	2	Jul 03	GFE	Pending
6074	Cable - UEU WRA OTPS 801 (Pt # 802025107408-1)	2	Jul 03	GFE	Pending
6075	Cable - UEU WRA OTPS 801 (Pt # 802025107409-1)	2	Jul 03	GFE	Pending
6076	Cable - UEU WRA OTPS 801 (Pt # 802025107400-5)	2	Jul 03	GFE	Pending
6077	Cable - UEU WRA OTPS 801 (Pt # 802025107401-1)	2	Jul 03	GFE	Pending
6078	Cable - UEU WRA OTPS 801 (Pt # 802025107401-2)	2	Jul 03	GFE	Pending
6079	Cable - UEU WRA OTPS 801 (Pt # 802025107401-3)	2	Jul 03	GFE	Pending
6080	Cable - UEU WRA OTPS 801 (Pt # 802025107411-1)	2	Jul 03	GFE	Pending
6081	Cable - UEU WRA OTPS 801 (Pt # 802025107401-5)	2	Jul 03	GFE	Pending
6082	Cable - UEU WRA OTPS 801 (Pt # 802025107401-6)	2	Jul 03	GFE	Pending
6083	Cable - UEU WRA OTPS 801 (Pt # 802025107410-1)	2	Jul 03	GFE	Pending
6084	Cable - UEU WRA OTPS 801 (Pt # 802027107400-8)	2	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

6085	Cable - UEU WRA OTPS 801 (Pt # 802027107400-5)	2	Jul 03	GFE	Pending
6086	OTPS - EA-6B UEU SRA OTPS (Pt # 80200320500-1)	2	Jul 03	GFE	Pending
6087	Interface Device - UEU SRA OTPS (Pt # 802025205100-1)	2	Jul 03	GFE	Pending
6088	Cable - UEU SRA OTPS (Pt # 802027205210-1)	2	Jul 03	GFE	Pending
6089	Cable - UEU SRA OTPS (Pt # 8020272052-2)	2	Jul 03	GFE	Pending
6090	Cable - UEU SRA OTPS (Pt # 802027205210-3)	2	Jul 03	GFE	Pending
6091	Cable - UEU SRA OTPS (Pt # 802027205210-4)	2	Jul 03	GFE	Pending
6092	Cable - UEU SRA OTPS (Pt # 802027205208-1)	2	Jul 03	GFE	Pending
6093	Cable - UEU SRA OTPS (Pt # 802027205209-1)	2	Jul 03	GFE	Pending
6094	Cable - UEU SRA OTPS (Pt # 802027205201-1)	2	Jul 03	GFE	Pending
6095	Cable - UEU SRA OTPS (Pt # 802027205207-1)	2	Jul 03	GFE	Pending
6096	Termination - UEU SRA OTPS (Pt # M39030/3-01N)	2	Jul 03	GFE	Pending
6097	Cable - UEU SRA OTPS (Pt # 802025205203-1)	2	Jul 03	GFE	Pending
6098	Cable - UEU SRA OTPS (Pt # 802025205204-1)	2	Jul 03	GFE	Pending
6099	Cable - UEU SRA OTPS (Pt # 802025205205-1)	2	Jul 03	GFE	Pending
6100	Cable - UEU SRA OTPS (Pt # 802025205206-1)	2	Jul 03	GFE	Pending
6101	Adapter Assembly - UEU SRA OTPS (Pt # 802027205124-1)	2	Jul 03	GFE	Pending
6102	Cable - UEU SRA OTPS (Pt # 802025205201-1)	2	Jul 03	GFE	Pending
6103	Cable - UEU SRA OTPS (Pt # 802025205202-1)	2	Jul 03	GFE	Pending
6104	Cable - UEU SRA OTPS (Pt # 802025205207-1)	2	Jul 03	GFE	Pending
6105	Cable - UEU SRA OTPS (Pt # 802025205210-1)	2	Jul 03	GFE	Pending
6106	Cable - UEU SRA OTPS (Pt # 802025205211-1)	2	Jul 03	GFE	Pending
6107	OTPS - HPDTS Self Help (Pt # 735001-1)	2	Jul 03	GFE	Pending
6108	SMAT Adapter Set - HPDTS OTPS (Pt # 2047AS258-01)	2	Jul 03	GFE	Pending
6109	Plug In Unit - HPDTS OTPS (Pt # 735950-1)	2	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

6110	Shorting Plug - HPDTS OTPS (Pt # 735962-1)	2	Jul 03	GFE	Pending
6111	Shorting Plug - HPDTS OTPS (Pt # 735963-1)	2	Jul 03	GFE	Pending
6112	Shorting Plug - HPDTS OTPS (Pt # 735964-1)	2	Jul 03	GFE	Pending
6113	Shorting Plug - HPDTS OTPS (Pt # 735965-1)	2	Jul 03	GFE	Pending
6114	Shorting Plug - HPDTS OTPS (Pt # 735966-1)	2	Jul 03	GFE	Pending
6115	Shorting Plug - HPDTS OTPS (Pt # 735967-1)	2	Jul 03	GFE	Pending
6116	Shorting Plug - HPDTS OTPS (Pt # 735968-1)	2	Jul 03	GFE	Pending
6117	Shorting Plug - HPDTS OTPS (Pt # 735969-1)	2	Jul 03	GFE	Pending
6118	CASS RF Block II Test Station (Pt # 2054AS400-02)	2	Jul 03	GFE	Pending
6119	High Power/High Voltage Console (Pt # 3528AS200-01)	2	Jul 03	GFE	Pending
6120	Electronic Maintenance Kit - MK-1834 (Pt # 1128SAV41310-1)	2	Jul 03	GFE	Pending

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance
(Track E-198-6107)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0062	CASS - Electro Optical (Pt # 2048AS775-04)	2	Nov 94	GFE	Onboard
ST					
3021	Connector Adapter (Pt # PE9011)	2	Nov 94	GFE	Onboard
3022	Pressure Hose (Pt # 2051AS091-01)	2	Nov 94	GFE	Onboard
3023	Pressure Hose (Pt # 2051AS092-01)	2	Nov 94	GFE	Onboard
3024	Pneumatics Installation Kit (Pt # 2048AS816-05P)	2	Nov 94	GFE	Onboard
3025	Relief Pressure Valve (Pt # SS4CPA2-3W/ORS)	2	Nov 94	GFE	Onboard
3026	Safety Relief Valve (Pt # SS4CPA2-%)W/ORS)	2	Nov 94	GFE	Onboard
3027	Dummy Load (Pt # 909D)	2	Nov 94	GFE	Onboard
3028	Low Frequency Power Meter (Pt # 436A-CS)	2	Nov 94	GFE	Onboard

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

SPETE

6042	Connector Adapter (Pt # 11903C)	2	Nov 94	GFE	Onboard
6043	Connector Adapter (Pt # 1250-1743)	2	Nov 94	GFE	Onboard
6044	Cable Assembly (Pt # HP10833A)	2	Nov 94	GFE	Onboard
6045	Cable Assembly (Pt # 11730A)	2	Nov 94	GFE	Onboard
6047	CASS - CNI Test Set-LRIP (Pt # 2048AS775-03)	2	Nov 94	GFE	Onboard
6048	Electrical Load Bank (Pt # 2046AS337-01)	2	Nov 94	GFE	Onboard
6049	Cable Assembly (Pt # FB0HG0HG038.0)	2	Nov 94	GFE	Onboard
6050	Connector Adapter (Pt # OJB)	2	Nov 94	GFE	Onboard
6051	Connector Adapter (Pt # OFJ)	2	Nov 94	GFE	Onboard
6052	Connector Adapter (Pt # OJK)	2	Nov 94	GFE	Onboard
6053	Coupler Test Set (Pt # 2042AS005-01)	2	Nov 94	GFE	Onboard
6054	Cable Assembly Set (Pt # 2043AS302-01)	2	Nov 94	GFE	Onboard
6055	Adapter Set (Pt # 2043AS649-01)	2	Nov 94	GFE	Onboard
6056	Connector Adapter (Pt # 1250-1744)	2	Nov 94	GFE	Onboard
6057	Connector Adapter (Pt # 8022A1)	2	Nov 94	GFE	Onboard
6058	Adapter Test Set (Pt # 2047AS258-01)	2	Nov 94	GFE	Onboard
6059	SMAT Cable Set (Pt # 2043AS303-01)	2	Nov 94	GFE	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6107)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0016	External Hard Drive (Pt # 2056AS137-01)	1	Jul 03	GFE	Pending
0026	Power Supply (Pt # 1896AS300-03)	1	Jul 03	GFE	Pending
0031	Circuit Card Assembly - Power Switch (Pt # 1897AS159-01)	1	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0035	Central Processing Unit (CPU) (Pt # M7625-AA)	1	Jul 03	GFE	Pending
0037	Power Supply (Pt # 1896AS200-02)	1	Jul 03	GFE	Pending
0038	Power Supply (Pt # 1896AS300-02)	1	Jul 03	GFE	Pending
0039	Power Supply (Pt # 1896AS300-01)	1	Jul 03	GFE	Pending
0040	Circuit Card Assembly - Coax Switch (Pt # 1897AS162-01)	1	Jul 03	GFE	Pending
0041	Data Indicator (Pt # A51A9010-11)	1	Jul 03	GFE	Pending
0042	Power Supply (Pt # 1896AS501-01)	1	Jul 03	GFE	Pending
0043	Circuit Card Assembly (Pt # 1897AS165-01)	1	Jul 03	GFE	Pending
0048	Buffer Storage Unit (Pt # 2044AS734-01)	1	Jul 03	GFE	Pending
0051	Battery Assembly (Pt # 2049AS026-01)	2	Jul 03	GFE	Pending
0053	Circuit Card Assembly (Pt # A51A9011-5)	1	Jul 03	GFE	Pending
0054	Control Generator (Pt # A51A9147-5)	1	Jul 03	GFE	Pending
0055	Gyroscope Assembly (Pt # A51A9002-29)	1	Jul 03	GFE	Pending
0058	Circuit Card Assembly - Power Controller (Pt # 2048AS464-01)	1	Jul 03	GFE	Pending
0093	Circuit Card Assembly (Pt # M7516-PA)	1	Jul 03	GFE	Pending
0094	Circuit Card Assembly (Pt # 2044AS737-01)	1	Jul 03	GFE	Pending
0095	Circuit Card Assembly (Pt # 1896AS889-01)	1	Jul 03	GFE	Pending
0096	Circuit Card Assembly (Pt # 1896AS960-01)	1	Jul 03	GFE	Pending
0097	Generator (Pt # 1897AS080-01)	1	Jul 03	GFE	Pending
0098	Circuit Card Assembly (Pt # M719)	1	Jul 03	GFE	Pending
0098	Circuit Card Assembly - Housekeeper (Pt # 859-815-00)	1	Jul 03	GFE	Pending
0098	CFSD Distributing System (Pt # 2049AS82-01)	1	Jul 03	GFE	Pending
0099	Circuit Card Assembly - MS1553 (Pt # 859-215-00)	1	Jul 03	GFE	Pending
0100	Circuit Card Assembly - WDDA (Pt # 2048AS996-01)	1	Jul 03	GFE	Pending
0101	LVSS (Pt # 1896AS501-01)	1	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0102	ASSCON (Pt # 1896AS889-01)	1	Jul 03	GFE	Pending
0103	Power Supply (Pt # 1896AS300-03)	1	Jul 03	GFE	Pending
0104	GPI Coax Switch (Pt # 1897AS165-01)	1	Jul 03	GFE	Pending
0105	SGMA (Pt # 22036AS001-01)	1	Jul 03	GFE	Pending
0106	Circuit Card Assembly - Channel (Pt # M-890-03)	1	Jul 03	GFE	Pending
0107	LWPL (Pt # 1897AS247-01)	1	Jul 03	GFE	Pending
0108	DTU Backplane (Pt # 854-895-75)	1	Jul 03	GFE	Pending
0109	CASS Hybrid Test Station (Pt # 2054AS400-01)	6	Jul 03	GFE	Pending
0110	CASS CNI Test Station (Pt # 2054AS400-03)	2	Jul 03	GFE	Pending
0111	CASS RF Test Station (Pt # 2054AS400-02)	2	Jul 03	GFE	Pending
0112	Common Interface Device Assembly (Pt # 2051AS610-01)	2	Jul 03	GFE	Pending
0113	Interface Device (Pt # 2042AS006-01)	2	Jul 03	GFE	Pending
0114	LVSS (MAMS) Power Supply (Pt # 1896AS501-04)	1	Jul 03	GFE	Pending
0115	LVSS (MAMS) Power Supply (Pt # 1896AS501-05)	1	Jul 03	GFE	Pending
0116	LVSS (MAMS) Power Supply (Pt # 1896AS501-10)	1	Jul 03	GFE	Pending
0117	Circuit Card Assembly - Asset Control (Pt # 1896AS889-02)	1	Jul 03	GFE	Pending
0118	Circuit Card Assembly - Asset Control (Pt # 1896AS889-03)	1	Jul 03	GFE	Pending
0119	Circuit Card Assembly - Asset Control (Pt # 1896AS889-04)	1	Jul 03	GFE	Pending
0120	Electrical Distributing System (Pt # 2049AS482-01)	1	Jul 03	GFE	Pending
0121	Circuit Card Assembly - Power Control #1 (Pt # 2048AS464-01)	1	Jul 03	GFE	Pending
0122	Circuit Card Assembly - Power Control #2 (Pt # 2048AS821-01)	1	Jul 03	GFE	Pending
0123	Circuit Card Assembly - Power Control #3 (Pt # 2048AS824-01)	1	Jul 03	GFE	Pending
0124	Circuit Card Assembly - Power Control #4 (Pt # 2049AS498-01)	1	Jul 03	GFE	Pending
0125	Circuit Card Assembly - DTU CT 511 (Pt # 859-511-00)	1	Jul 03	GFE	Pending
0126	Circuit Card Assembly - (MAMS) (Pt # M7622)	1	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0127	Receiver Subassembly - Circuit Card Assembly (MAMS) (Pt # M7625-AA)	1	Jul 03	GFE	Pending
0128	Communication Interface Unit (Pt # 2T-22477-01)	1	Jul 03	GFE	Pending
0129	Slot O Controller (Pt # 2056AS362-01)	1	Jul 03	GFE	Pending
GPTE					
2001	Pneumatic Console (Pt # 2051AS163-05)	1	Jul 03	GFE	Pending
ST					
3011	Card Puller (Pt # 854-605-01)	3	Jul 03	GFE	Pending
3017	Adapter Set (Pt # 2047AS258-01)	2	Jul 03	GFE	Pending
3019	SMAT Cable Set (Pt # 2043AS303-01)	2	Jul 03	GFE	Pending
3053	Plug In Unit (Pt # 70900B)	1	Jul 03	GFE	Pending
3054	Plug In Unit (Pt # HP70100A)	1	Jul 03	GFE	Pending
3055	DMM Multimeter (Pt # 70110A-H10)	1	Jul 03	GFE	Pending
3056	Test Accessory Kit (Pt # 2053AS340-01)	2	Jul 03	GFE	Pending
3057	On Site Maintenance (OSM) Connect Adapter (Pt # 3288)	2	Jul 03	GFE	Pending
3058	Connector Adapter (Pt # 11903C)	2	Jul 03	GFE	Pending
3059	Special Purpose Cable Assembly (Pt # 854-895-54)	4	Jul 03	GFE	Pending
3060	Connector Extraction Tool (Pt # 910110102)	3	Jul 03	GFE	Pending
3061	Mini Extraction Tool (Pt # 910112104)	3	Jul 03	GFE	Pending
3062	Circuit Card Assembly - Extraction Tool (Pt # 6126-978)	3	Jul 03	GFE	Pending
GPETE					
5001	O'scope (Pt # TDS-620A)	3	Jul 03	GFE	Pending
5004	Digital Multimeter (Pt # 77/BN)	3	Jul 03	GFE	Pending
5007	Scope Adapter (Pt # 1688)	2	Jul 03	GFE	Pending
SPETE					
6121	Electrical Cable Test Set (Pt # 2052AS826-TPI)	2	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

CIN, COURSE TITLE: C-198-3074, CASS Electronic Warfare (EW) With HPDTS Operator/Maintainer (Track E-198-6107)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

ITEM NO.	EQUIPMENT / TYPE OR RANGE OF REPAIR PARTS	QTY REQD	DATE REQD	GFE CFE	STATUS
TTE					
0063	Countermeasures Xmtr Band 1E - ALQ-99F (Pt # 446010-2)	1	Jul 03	GFE	Pending
0064	Countermeasures Xmtr Band 2 - ALQ-99F (Pt # 363404-4)	1	Jul 03	GFE	Pending
0065	Countermeasures Xmtr Band 4T - ALQ-99F (Pt # 1037710-1P)	1	Jul 03	GFE	Pending
0066	Countermeasures Xmtr Band 5/6T - ALQ-99 (Pt # G555421-1P)	1	Jul 03	GFE	Pending
0067	Countermeasures Xmtr Band 7E - ALQ-99 (Pt # 929510-2P)	1	Jul 03	GFE	Pending
0068	Countermeasures Xmtr Band 8T - ALQ-99 (Pt # G555420-1P)	1	Jul 03	GFE	Pending
0069	Countermeasures Xmtr Band 9E - ALQ-99 (Pt # 443162-2EP)	1	Jul 03	GFE	Pending
0070	Countermeasures Xmtr Band 9/10 - ALQ-99 (Pt # 424029-502)	1	Jul 03	GFE	Pending
0071	Receiver Countermeasures Band 1 (Pt # 362248-6)	1	Jul 03	GFE	Pending
0072	Receiver Countermeasures Band 2 (Pt # 362249-8)	1	Jul 03	GFE	Pending
0073	Receiver Countermeasures Band 4 (Pt # 362250-8)	1	Jul 03	GFE	Pending
0074	Receiver Countermeasures Band 5/6 (Pt # 398138-3)	1	Jul 03	GFE	Pending
0075	Receiver Countermeasures Band 7 (Pt # 362251-10)	1	Jul 03	GFE	Pending
0076	Receiver Countermeasures Band 8/9A (Pt # 398139-1)	1	Jul 03	GFE	Pending
0077	Receiver Countermeasures Band 8/9B (Pt # 398332-3)	1	Jul 03	GFE	Pending
0078	Amplifier - Antenna Detector (Pt # 398140-2)	1	Jul 03	GFE	Pending
0079	Static Frequency Converter (Pt # 430827-3)	1	Jul 03	GFE	Pending
0080	Signal Data Converter/Storer (Pt # 8903500-505)	1	Jul 03	GFE	Pending
0081	OTPS, EA-6B - ALQ-99 Transmitter (Pt # 736000-1)	2	Jul 03	GFE	Pending
0082	Auxiliary Power Unit (APU) Power Damping Assembly (Pt # 736670-1)	2	Jul 03	GFE	Pending
0083	OTPS, EA-6B - Receiver OTPS1 (Pt # TBD)	2	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

0084	OTPS, EA-6B - Digital Test Bench (DTB) Offload OTPS (Pt # TBD)	2	Jul 03	GFE	Pending
0085	OTPS, EA-6B - UEU WRA OTPS 801 (Pt # 802000107000-1)	2	Jul 03	GFE	Pending
0086	Interface Device - UEU WRA OTPS 801 (Pt # 802025107100-1)	2	Jul 03	GFE	Pending
0087	Adapter Assembly - UEU WRA OTPS 801 (Pt # 802025107200-1)	2	Jul 03	GFE	Pending
0088	Cable - UEU WRA OTPS 801 (Pt # 802025107400-1)	2	Jul 03	GFE	Pending
0089	Cable - UEU WRA OTPS 801 (Pt # 802025107400-2)	2	Jul 03	GFE	Pending
0090	Cable - UEU WRA OTPS 801 (Pt # 802025107400-3)	2	Jul 03	GFE	Pending
0091	Liquid Cooling Console (Pt # 3528AS300-01)	2	Jul 03	GFE	Pending
0092	External Hard Drive (Pt # 2056AS137-01)	2	Jul 03	GFE	Pending
ST					
3029	Holding Fixture - MT-7181/USM636 (Pt # 736310-1)	2	Jul 03	GFE	Pending
3030	Holding Fixture Assembly - UEU WRA OTPS (Pt # 802025107500-1)	2	Jul 03	GFE	Pending
3031	Air Plenum - UEU WRA OTPS 801 (Pt # 802025107508-1)	2	Jul 03	GFE	Pending
3032	Air Plenum - UEU WRA OTPS 801 (Pt # 802025107501-1)	2	Jul 03	GFE	Pending
3033	Hose - UEU WRA OTPS 801 (Pt # MS8005E480A)	2	Jul 03	GFE	Pending
3034	Hose - UEU WRA OTPS 801 (Pt # 802025107507-1)	2	Jul 03	GFE	Pending
3035	Connector - UEU WRA OTPS 801 (Pt # M55339/31/-30001)	2	Jul 03	GFE	Pending
3036	Connector - UEU WRA OTPS 801 (Pt # 802027107407-1)	2	Jul 03	GFE	Pending
3037	Connector - UEU WRA OTPS 801 (Pt # SF994-6602)	2	Jul 03	GFE	Pending
3038	Self Test Adapter - UEU WRA 801 (Pt # 802025107316-1)	2	Jul 03	GFE	Pending
3039	Connector - UEU WRA OTPS 801 (Pt # 802027107405-1)	2	Jul 03	GFE	Pending
3040	Hipot Insulation Tester (Pt # H30YG)	2	Jul 03	GFE	Pending
3041	Fluid Calibration Test Box (Pt # IEA9100-01)	2	Jul 03	GFE	Pending
3042	SMAT - ID (Pt # 2042AS006-03)	2	Jul 03	GFE	Pending
3043	SMAT Cable Set (Pt # 2043AS303-01)	2	Jul 03	GFE	Pending
3044	Pressurization Set (Pt # 09-200822)	2	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

3045	Totalizing Time Meter (Pt # 1170-001)	2	Jul 03	GFE	Pending
3046	Automatic Leak Detector (Pt # TIF5550)	2	Jul 03	GFE	Pending
3047	Hydraulic Crane (Pt # Local Purchase)	1	Jul 03	GFE	Pending
3048	Sling Assembly (Pt # 802025090200)	1	Jul 03	GFE	Pending
3049	Nitrogen Cylinder (Pt # 1428AS100-1)	2	Jul 03	GFE	Pending
3050	Pressure Regulator (Pt # 3314621)	2	Jul 03	GFE	Pending
3051	Pressure Gage - 0-5000 (Pt # 322AS154-1)	2	Jul 03	GFE	Pending
3052	Pressure Gage - 0-60 (Pt # 40-0303)	2	Jul 03	GFE	Pending
GPETE					
5001	O'scope (Pt # TDS-620A)	1	Jul 03	GFE	Pending
5004	Digital Multimeter (Pt # 77/BN)	1	Jul 03	GFE	Pending
5006	Power Inverter - 400Hz (Pt # DFGA4090208)	2	Jul 03	GFE	Pending
SPETE					
6060	Interface Device - ON-573 J-6516/USM-636)	2	Jul 03	GFE	Pending
6061	Calorimeter Subsystem - MX-11912/USM-636 (Pt # 7362000-1)	2	Jul 03	GFE	Pending
6062	High Voltage Load Assembly - MX-11910/USM-636 (Pt # 736400-1)	2	Jul 03	GFE	Pending
6063	Cable Set - MX-11908/USM-636 (Pt # 736500-1)	2	Jul 03	GFE	Pending
6064	Adapter Set - MX-11913/USM636 (Pt # 736900-1)	2	Jul 03	GFE	Pending
6065	OTPI/Operational Test Program Medium (OTPM) (Pt # 736700-*)	2	Jul 03	GFE	Pending
6066	Test Fixture - MX-7180/USM-636 (Pt # 736800-1)	2	Jul 03	GFE	Pending
6067	Handling Rotating Unit (Pt # 736300-1)	2	Jul 03	GFE	Pending
6068	Cable - UEU WRA OTPS 801 (Pt # 802025107400-4)	2	Jul 03	GFE	Pending
6069	Cable - UEU WRA OTPS 801 (Pt # 802025107401-7)	2	Jul 03	GFE	Pending
6070	Cable - UEU WRA OTPS 801 (Pt # 802025107403-1)	2	Jul 03	GFE	Pending
6071	Cable - UEU WRA OTPS 801 (Pt # 802025107401-1)	2	Jul 03	GFE	Pending
6072	Cable - UEU WRA OTPS 801 (Pt # 802025107405-1)	2	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

6073	Cable - UEU WRA OTPS 801 (Pt # 802025107407-1)	2	Jul 03	GFE	Pending
6074	Cable - UEU WRA OTPS 801 (Pt # 802025107408-1)	2	Jul 03	GFE	Pending
6075	Cable - UEU WRA OTPS 801 (Pt # 802025107409-1)	2	Jul 03	GFE	Pending
6076	Cable - UEU WRA OTPS 801 (Pt # 802025107400-5)	2	Jul 03	GFE	Pending
6077	Cable - UEU WRA OTPS 801 (Pt # 802025107401-1)	2	Jul 03	GFE	Pending
6078	Cable - UEU WRA OTPS 801 (Pt # 802025107401-2)	2	Jul 03	GFE	Pending
6079	Cable - UEU WRA OTPS 801 (Pt # 802025107401-3)	2	Jul 03	GFE	Pending
6080	Cable - UEU WRA OTPS 801 (Pt # 802025107411-1)	2	Jul 03	GFE	Pending
6081	Cable - UEU WRA OTPS 801 (Pt # 802025107401-5)	2	Jul 03	GFE	Pending
6082	Cable - UEU WRA OTPS 801 (Pt # 802025107401-6)	2	Jul 03	GFE	Pending
6083	Cable - UEU WRA OTPS 801 (Pt # 802025107410-1)	2	Jul 03	GFE	Pending
6084	Cable - UEU WRA OTPS 801 (Pt # 802027107400-8)	2	Jul 03	GFE	Pending
6085	Cable - UEU WRA OTPS 801 (Pt # 802027107400-5)	2	Jul 03	GFE	Pending
6086	OTPS - EA-6B UEU SRA OTPS (Pt # 80200320500-1)	2	Jul 03	GFE	Pending
6087	Interface Device - UEU SRA OTPS (Pt # 802025205100-1)	2	Jul 03	GFE	Pending
6088	Cable - UEU SRA OTPS (Pt # 802027205210-1)	2	Jul 03	GFE	Pending
6089	Cable - UEU SRA OTPS (Pt # 8020272052-2)	2	Jul 03	GFE	Pending
6090	Cable - UEU SRA OTPS (Pt # 802027205210-3)	2	Jul 03	GFE	Pending
6091	Cable - UEU SRA OTPS (Pt # 802027205210-4)	2	Jul 03	GFE	Pending
6092	Cable - UEU SRA OTPS (Pt # 802027205208-1)	2	Jul 03	GFE	Pending
6093	Cable - UEU SRA OTPS (Pt # 802027205209-1)	2	Jul 03	GFE	Pending
6094	Cable - UEU SRA OTPS (Pt # 802027205201-1)	2	Jul 03	GFE	Pending
6095	Cable - UEU SRA OTPS (Pt # 802027205207-1)	2	Jul 03	GFE	Pending
6096	Termination - UEU SRA OTPS (Pt # M39030/3-01N)	2	Jul 03	GFE	Pending
6097	Cable - UEU SRA OTPS (Pt # 802025205203-1)	2	Jul 03	GFE	Pending

IV.A.1. TTE / GPTE / SPTE / ST / GPETE / SPETE

6098	Cable - UEU SRA OTPS (Pt # 802025205204-1)	2	Jul 03	GFE	Pending
6099	Cable - UEU SRA OTPS (Pt # 802025205205-1)	2	Jul 03	GFE	Pending
6100	Cable - UEU SRA OTPS (Pt # 802025205206-1)	2	Jul 03	GFE	Pending
6101	Adapter Assembly - UEU SRA OTPS (Pt # 802027205124-1)	2	Jul 03	GFE	Pending
6102	Cable - UEU SRA OTPS (Pt # 802025205201-1)	2	Jul 03	GFE	Pending
6103	Cable - UEU SRA OTPS (Pt # 802025205202-1)	2	Jul 03	GFE	Pending
6104	Cable - UEU SRA OTPS (Pt # 802025205207-1)	2	Jul 03	GFE	Pending
6105	Cable - UEU SRA OTPS (Pt # 802025205210-1)	2	Jul 03	GFE	Pending
6106	Cable - UEU SRA OTPS (Pt # 802025205211-1)	2	Jul 03	GFE	Pending
6107	OTPS - HPDTS Self Help (Pt # 735001-1)	2	Jul 03	GFE	Pending
6108	SMAT Adapter Set - HPDTS OTPS (Pt # 2047AS258-01)	2	Jul 03	GFE	Pending
6109	Plug In Unit - HPDTS OTPS (Pt # 735950-1)	2	Jul 03	GFE	Pending
6110	Shorting Plug - HPDTS OTPS (Pt # 735962-1)	2	Jul 03	GFE	Pending
6111	Shorting Plug - HPDTS OTPS (Pt # 735963-1)	2	Jul 03	GFE	Pending
6112	Shorting Plug - HPDTS OTPS (Pt # 735964-1)	2	Jul 03	GFE	Pending
6113	Shorting Plug - HPDTS OTPS (Pt # 735965-1)	2	Jul 03	GFE	Pending
6114	Shorting Plug - HPDTS OTPS (Pt # 735966-1)	2	Jul 03	GFE	Pending
6115	Shorting Plug - HPDTS OTPS (Pt # 735967-1)	2	Jul 03	GFE	Pending
6116	Shorting Plug - HPDTS OTPS (Pt # 735968-1)	2	Jul 03	GFE	Pending
6117	Shorting Plug - HPDTS OTPS (Pt # 735969-1)	2	Jul 03	GFE	Pending
6118	CASS RF Block II Test Station (Pt # 2054AS400-02)	2	Jul 03	GFE	Pending
6119	High Power/High Voltage Console (Pt # 3528AS200-01)	2	Jul 03	GFE	Pending
6120	Electronic Maintenance Kit - MK-1834 (Pt # 1128SAV41310-1)	2	Jul 03	GFE	Pending

IV.A.2. TRAINING DEVICES

DEVICE: Electronic Classroom
DESCRIPTION: The Electronic Classroom (ECR) provides the capability to use Instructional Guides, Computer Aided Instruction, and Interactive Courseware as an integrated media group paced instruction on one or more designated aviation systems or subsystems. The ECR provides the student with the ability to access instructional material, individual data, and course data under the control of the instructor. It provides the instructor with the ability to administer tests, control the pace of instruction, and monitor student access to instructional material.

MANUFACTURER: NA

CONTRACT NUMBER: NA

TEE STATUS: NA

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

QTY	DATE REQD	RFT REQD	DATE	STATUS	COURSES SUPPORTED
1		Aug 93	Nov 93	Onboard	C-198-3070 (Track D-198-6105)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

QTY	DATE REQD	RFT REQD	DATE	STATUS	COURSES SUPPORTED
1		Aug 94	Nov 94	Onboard	C-198-3070 (Track E-198-6105) C-198-3070 (Track E-198-6108)

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance
(Track D-198-6101)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 93	Onboard
Instructor Guide	3	Nov 93	Onboard
Overhead Projector (Pt # 4A8A)	1	Nov 93	Onboard
Projector Screen (Pt # 4H1D)	1	Nov 93	Onboard
Student Achievement Tests	50	Nov 93	Onboard
Student Guide	50	Nov 93	Onboard
Topical Outline	20	Nov 93	Onboard

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance
(Track E-198-6101)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 94	Onboard
Instructor Guide	3	Nov 94	Onboard
Overhead Projector (Pt # 4A8A)	1	Nov 94	Onboard
Projector Screen (Pt # 4H1D)	1	Nov 94	Onboard
Student Achievement Tests	50	Nov 94	Onboard
Student Guide	50	Nov 94	Onboard
Topical Outline	20	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track
D-198-6102)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 93	Onboard
Instructor Guide	3	Nov 93	Onboard
Overhead Projector (Pt # 4A8A)	3	Nov 93	Onboard
Overhead Screen (Pt # Unknown)	3	Nov 93	Onboard
Receiver Television (Pt # AV-20TPS)	1	Nov 93	Onboard
Student Achievement Tests	50	Nov 93	Onboard
Student Guide	50	Nov 93	Onboard
Topical Outline	20	Nov 93	Onboard
Transparencies - Set of 76	3	Nov 93	Onboard
Video Reproducer (Pt # CP-5200U)	1	Nov 93	Onboard
Videotape - Electro-Static Discharge (ESD) The Invisible Threat (Pt # 803784DN)	3	Nov 93	Onboard
Wall Chart - AN/USM636A 78RAO 5065A (DTU Major Sections)	3	Nov 93	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-198-3069, AN/USM-636A(V) Common Operator/Maintainer Intermediate Maintenance Course (Track D-198-6102)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 93	Onboard
Instructor Guide	3	Nov 93	Onboard
Overhead Projector (Pt # 4A8A)	3	Nov 93	Onboard
Overhead Screen (Pt # Unknown)	3	Nov 93	Onboard
Receiver Television (Pt # AV-20TPS)	1	Nov 93	Onboard
Student Achievement Tests	50	Nov 93	Onboard
Student Guide	50	Nov 93	Onboard
Topical Outline	20	Nov 93	Onboard
Video Reproducer (Pt # CP-5200U)	1	Nov 93	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6102)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 94	Onboard
Instructor Guide	3	Nov 94	Onboard
Overhead Screen (Pt # Unknown)	3	Nov 94	Onboard
Receiver Television (Pt # AV-20TPS)	1	Nov 94	Onboard
Student Achievement Tests	50	Nov 94	Onboard
Student Guide	50	Nov 94	Onboard
Topical Outline	20	Nov 94	Onboard
Transparencies - Set of 76	3	Nov 94	Onboard
Video Reproducer (Pt # CP-5200U)	1	Nov 94	Onboard
Videotape - Electro-Static Discharge (ESD) The Invisible Threat (803784DN)	3	Nov 94	Onboard
Wall Chart - AN/USM636A 78RAO 5065A (DTU Major Sections)	3	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3069, AN/USM-636A(V) Common Operator/Maintainer Intermediate Maintenance Course (Track E-198-6102)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 94	Onboard
Instructor Guide	3	Nov 94	Onboard
Overhead Projector (Pt # 4A8A)	3	Nov 94	Onboard
Overhead Screen (Pt # Unknown)	3	Nov 94	Onboard
Receiver Television (Pt # AV-20TPS)	1	Nov 94	Onboard
Student Achievement Tests	50	Nov 94	Onboard
Student Guide	50	Nov 94	Onboard
Topical Outline	20	Nov 94	Onboard
Video Reproducer (Pt # CP-5200U)	1	Nov 94	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance
(Track D-198-6103)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 93	Onboard
Instructor Guide	3	Nov 93	Onboard
Overhead Projector (Pt # 4A8A)	1	Nov 93	Onboard
Projector Screen (Pt # 4H1D)	1	Nov 93	Onboard
Student Achievement Tests	50	Nov 93	Onboard
Student Guide	50	Nov 93	Onboard
Topical Outline	20	Nov 93	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track
D-198-6103)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 93	Onboard
Instructor Guide	3	Nov 93	Onboard
Overhead Projector (Pt # 4A8A)	3	Nov 93	Onboard
Overhead Screen (Pt # Unknown)	3	Nov 93	Onboard
Receiver Television (Pt # AV-20TPS)	1	Nov 93	Onboard
Student Achievement Tests	50	Nov 93	Onboard
Student Guide	50	Nov 93	Onboard
Topical Outline	20	Nov 93	Onboard
Transparencies - Set of 76	3	Nov 93	Onboard
Video Reproducer (Pt # CP-5200U)	1	Nov 93	Onboard
Videotape - Electro-Static Discharge (ESD) The Invisible Threat (Pt # 803784DN)	3	Nov 93	Onboard
Wall Chart - AN/USM636A 78RAO 5065A (DTU Major Sections)	3	Nov 93	Onboard

CIN, COURSE TITLE: C-198-3069, AN/USM-636A(V) Common Operator/Maintainer Intermediate Maintenance Course (Track
D-198-6103)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 93	Onboard
Instructor Guide	3	Nov 93	Onboard
Overhead Projector (Pt # 4A8A)	3	Nov 93	Onboard
Overhead Screen (Pt # Unknown)	3	Nov 93	Onboard
Receiver Television (Pt # AV-20TPS)	1	Nov 93	Onboard
Student Achievement Tests	50	Nov 93	Onboard
Student Guide	50	Nov 93	Onboard
Topical Outline	20	Nov 93	Onboard
Video Reproducer (Pt # CP-5200U)	1	Nov 93	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance
(Track E-198-6103)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 94	Onboard
Instructor Guide	3	Nov 94	Onboard
Overhead Projector (Pt # 4A8A)	1	Nov 94	Onboard
Projector Screen (Pt # 4H1D)	1	Nov 94	Onboard
Student Achievement Tests	50	Nov 94	Onboard
Student Guide	50	Nov 94	Onboard
Topical Outline	20	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track
E-198-6103)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 94	Onboard
Instructor Guide	3	Nov 94	Onboard
Overhead Projector (Pt # 4A8A)	3	Nov 94	Onboard
Overhead Screen (Pt # Unknown)	3	Nov 94	Onboard
Receiver Television (Pt # AV-20TPS)	1	Nov 94	Onboard
Student Achievement Tests	50	Nov 94	Onboard
Student Guide	50	Nov 94	Onboard
Topical Outline	20	Nov 94	Onboard
Transparencies - Set of 76	3	Nov 94	Onboard
Video Reproducer (Pt # CP-5200U)	1	Nov 94	Onboard
Videotape - Electro-Static Discharge (ESD) The Invisible Threat (Pt #803784DN)	3	Nov 94	Onboard
Wall Chart - AN/USM636A 78RAO 5065A (DTU Major Sections)	3	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3069, AN/USM-636A(V) Common Operator/Maintainer Intermediate Maintenance Course (Track
E-198-6103)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 94	Onboard
Instructor Guide	3	Nov 94	Onboard
Overhead Projector (Pt # 4A8A)	3	Nov 94	Onboard
Overhead Screen (Pt # Unknown)	3	Nov 94	Onboard
Receiver Television (Pt # AV-20TPS)	1	Nov 94	Onboard
Student Achievement Tests	50	Nov 94	Onboard
Student Guide	50	Nov 94	Onboard
Topical Outline	20	Nov 94	Onboard
Video Reproducer (Pt # CP-5200U)	1	Nov 94	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track D-198-6104)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 93	Onboard
Instructor Guide	3	Nov 93	Onboard
Overhead Projector (Pt # 4A8A)	3	Nov 93	Onboard
Overhead Screen (Pt # Unknown)	3	Nov 93	Onboard
Receiver Television (Pt # AV-20TPS)	1	Nov 93	Onboard
Student Achievement Tests	50	Nov 93	Onboard
Student Guide	50	Nov 93	Onboard
Topical Outline	20	Nov 93	Onboard
Transparencies - Set of 76	3	Nov 93	Onboard
Video Reproducer (Pt # CP-5200U)	1	Nov 93	Onboard
Videotape - Electro-Static Discharge (ESD) The Invisible Threat (Pt # 803784DN)	3	Nov 93	Onboard
Wall Chart - AN/USM636A 78RAO 5065A (DTU Major Sections)	3	Nov 93	Onboard

CIN, COURSE TITLE: C-198-3071, AN/USM-636A(V) High Powered Device Test Subsystem Operator and Maintenance Course (Track D-198-6104)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 93	Onboard
Instructor Guide	3	Nov 93	Onboard
Prefaulted Modules (Set of 6)	1 set	Nov 94	Onboard
Student Achievement Tests	50	Nov 93	Onboard
Student Guide	50	Nov 93	Onboard
Topical Outline	20	Nov 93	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6104)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 94	Onboard
Instructor Guide	3	Nov 94	Onboard
Overhead Projector (Pt # 4A8A)	3	Nov 94	Onboard
Overhead Screen (Pt # Unknown)	3	Nov 94	Onboard
Receiver Television (Pt # AV-20TPS)	1	Nov 94	Onboard
Student Achievement Tests	50	Nov 94	Onboard
Student Guide	50	Nov 94	Onboard
Topical Outline	20	Nov 94	Onboard
Transparencies - Set of 76	3	Nov 94	Onboard
Video Reproducer (Pt # CP-5200U)	1	Nov 94	Onboard
Videotape - Electro-Static Discharge (ESD) The Invisible Threat (Pt # 803784DN)	3	Nov 94	Onboard
Wall Chart - AN/USM636A 78RAO 5065A (DTU Major Sections)	3	Nov 94	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-198-3071, AN/USM-636A(V) High Powered Device Test Subsystem Operator and Maintenance Course (Track E-198-6104)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TYPES OF MATERIAL OR AID

	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 94	Onboard
Instructor Guide	3	Nov 94	Onboard
Prefaulted Modules (Set of 6)	1 set	Nov 94	Onboard
Student Achievement Tests	50	Nov 94	Onboard
Student Guide	50	Nov 94	Onboard
Topical Outline	20	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track D-198-6105)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

TYPES OF MATERIAL OR AID

	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 93	Onboard
Instructor Guide	3	Nov 93	Onboard
Overhead Projector (Pt # 4A8A)	3	Nov 93	Onboard
Overhead Screen (Pt # Unknown)	3	Nov 93	Onboard
Receiver Television (Pt # AV-20TPS)	1	Nov 93	Onboard
Student Achievement Tests	50	Nov 93	Onboard
Student Guide	50	Nov 93	Onboard
Topical Outline	20	Nov 93	Onboard
Transparencies - Set of 76	3	Nov 93	Onboard
Video Reproducer (Pt # CP-5200U)	1	Nov 93	Onboard
Videotape - Electro-Static Discharge (ESD) The Invisible Threat (Pt # 803784DN)	3	Nov 93	Onboard
Wall Chart - AN/USM636A 78RAO 5065A (DTU Major Sections)	3	Nov 93	Onboard

CIN, COURSE TITLE: C-198-3070, AN/USM-636A(V) EO+/FLIR Intermediate Maintenance Course (Track D-198-6105)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

TYPES OF MATERIAL OR AID

	QTY	DATE	STATUS
	REQD	REQD	STATUS
Computer Aided Instruction Software PowerPoint Presentation A-M	3	Nov 93	Onboard
Draft Lesson Plan	2	Nov 93	Onboard
Instructor Guide	3	Nov 93	Onboard
Set of Slides (1-63)	3	Nov 93	Onboard
Student Achievement Tests	50	Nov 93	Onboard
Student Guide	50	Nov 93	Onboard
Technical Manual Reader (CASS Items)	7	Nov 93	Onboard
Topical Outline	20	Nov 93	Onboard
Trainee Handout Materials (1-7)	50	Nov 93	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6105)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 94	Onboard
Instructor Guide	3	Nov 94	Onboard
Overhead Projector (Pt # 4A8A)	3	Nov 94	Onboard
Overhead Screen (Pt # Unknown)	3	Nov 94	Onboard
Receiver Television (Pt # AV-20TPS)	1	Nov 94	Onboard
Student Achievement Tests	50	Nov 94	Onboard
Student Guide	50	Nov 94	Onboard
Topical Outline	20	Nov 94	Onboard
Transparencies - Set of 76	3	Nov 94	Onboard
Video Reproducer (Pt # CP-5200U)	1	Nov 94	Onboard
Videotape - Electro-Static Discharge (ESD) The Invisible Threat (Pt # 803784DN)	3	Nov 94	Onboard
Wall Chart - AN/USM636A 78RAO 5065A (DTU Major Sections)	3	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3070, AN/USM-636A(V) EO+/FLIR Intermediate Maintenance Course (Track E-198-6105)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Computer Aided Instruction Software PowerPoint Presentation A-M	3	Nov 94	Onboard
Draft Lesson Plan	2	Nov 94	Onboard
Instructor Guide	3	Nov 94	Onboard
Set of Slides (1-63)	3	Nov 94	Onboard
Student Achievement Tests	50	Nov 94	Onboard
Student Guide	50	Nov 94	Onboard
Technical Manual Reader (CASS Items)	7	Nov 94	Onboard
Topical Outline	20	Nov 94	Onboard
Trainee Handout Materials (1-7)	50	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance (Track E-198-6108)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 94	Onboard
Instructor Guide	3	Nov 94	Onboard
Overhead Projector (Pt # 4A8A)	1	Nov 94	Onboard
Projector Screen (Pt # 4H1D)	1	Nov 94	Onboard
Student Achievement Tests	50	Nov 94	Onboard
Student Guide	50	Nov 94	Onboard
Topical Outline	20	Nov 94	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6108)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 94	Onboard
Instructor Guide	3	Nov 94	Onboard
Overhead Projector (Pt # 4A8A)	3	Nov 94	Onboard
Overhead Screen (Pt # Unknown)	3	Nov 94	Onboard
Receiver Television (Pt # AV-20TPS)	1	Nov 94	Onboard
Student Achievement Tests	50	Nov 94	Onboard
Student Guide	50	Nov 94	Onboard
Topical Outline	20	Nov 94	Onboard
Transparencies - Set of 76	3	Nov 94	Onboard
Video Reproducer (Pt # CP-5200U)	1	Nov 94	Onboard
Videotape - Electro-Static Discharge (ESD) The Invisible Threat (Pt # 803784DN)	3	Nov 94	Onboard
Wall Chart - AN/USM636A 78RAO 5065A (DTU Major Sections)	3	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3070, AN/USM-636A(V) EO+/FLIR Intermediate Maintenance Course (Track E-198-6108)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Computer Aided Instruction Software PowerPoint Presentation A-M	3	Nov 94	Onboard
Draft Lesson Plan	2	Nov 94	Onboard
Instructor Guide	3	Nov 94	Onboard
Set of Slides (1-63)	3	Nov 94	Onboard
Student Achievement Tests	50	Nov 94	Onboard
Student Guide	50	Nov 94	Onboard
Technical Manual Reader (CASS Items)	7	Nov 94	Onboard
Topical Outline	20	Nov 94	Onboard
Trainee Handout Materials (1-7)	50	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance (Track E-198-6109)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Jul 03	Pending
Instructor Guide	3	Jul 03	Pending
Overhead Projector (Pt # 4A8A)	1	Jul 03	Pending
Projector Screen (Pt # 4H1D)	1	Nov 94	Onboard
Student Achievement Tests	50	Jul 03	Pending
Student Guide	50	Jul 03	Pending
Topical Outline	20	Jul 03	Pending

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance
(Track E-198-6109)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 94	Onboard
Instructor Guide	3	Nov 94	Onboard
Overhead Projector (Pt # 4A8A)	1	Nov 94	Onboard
Projector Screen (Pt # 4H1D)	1	Nov 94	Onboard
Student Achievement Tests	50	Nov 94	Onboard
Student Guide	50	Nov 94	Onboard
Topical Outline	20	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track
E-198-6109)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Jul 03	Pending
Instructor Guide	3	Jul 03	Pending
Overhead Projector (Pt # 4A8A)	3	Jul 03	Pending
Overhead Screen (Pt # Unknown)	3	Jul 03	Pending
Receiver Television (Pt # AV-20TPS)	1	Jul 03	Pending
Student Achievement Tests	50	Jul 03	Pending
Student Guide	50	Jul 03	Pending
Topical Outline	20	Jul 03	Pending
Transparencies - Set of 76	3	Jul 03	Pending
Video Reproducer (Pt # CP-5200U)	1	Jul 03	Pending
Videotape - Electro-Static Discharge (ESD) The Invisible Threat (Pt # 803784DN)	3	Jul 03	Pending
Wall Chart - AN/USM636A 78RAO 5065A (DTU Major Sections)	3	Jul 03	Pending

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track
E-198-6109)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 94	Onboard
Instructor Guide	3	Nov 94	Onboard
Overhead Projector (Pt # 4A8A)	3	Nov 94	Onboard
Overhead Screen (Pt # Unknown)	3	Nov 94	Onboard
Receiver Television (Pt # AV-20TPS)	1	Nov 94	Onboard
Student Achievement Tests	50	Nov 94	Onboard
Student Guide	50	Nov 94	Onboard
Topical Outline	20	Nov 94	Onboard
Transparencies - Set of 76	3	Nov 94	Onboard
Video Reproducer (Pt # CP-5200U)	1	Nov 94	Onboard
Videotape - Electro-Static Discharge (ESD) The Invisible Threat (Pt # 803784DN)	3	Nov 94	Onboard
Wall Chart - AN/USM636A 78RAO 5065A (DTU Major Sections)	3	Nov 94	Onboard

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-198-3071, AN/USM-636A(V) High Powered Device Test Subsystem Operator and Maintenance Course (Track E-198-6109)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Jul 03	Pending
Instructor Guide	3	Jul 03	Pending
Prefaulted Modules (Set of 6)	1 set	Nov 94	Onboard
Student Achievement Tests	50	Jul 03	Pending
Student Guide	50	Jul 03	Pending
Topical Outline	20	Jul 03	Pending

CIN, COURSE TITLE: C-198-3071, AN/USM-636A(V) High Powered Device Test Subsystem Operator and Maintenance Course (Track E-198-6109)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Nov 94	Onboard
Instructor Guide	3	Nov 94	Onboard
Prefaulted Modules (Set of 6)	1 set	Nov 94	Onboard
Student Achievement Tests	50	Nov 94	Onboard
Student Guide	50	Nov 94	Onboard
Topical Outline	20	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6106)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	STATUS
Draft Lesson Plan	2	Jul 03	Pending
Instructor Guide	3	Jul 03	Pending
Overhead Projector (Pt # 4A8A)	3	Jul 03	Pending
Overhead Screen (Pt # Unknown)	3	Jul 03	Pending
Receiver Television (Pt # AV-20TPS)	1	Jul 03	Pending
Student Achievement Tests	50	Jul 03	Pending
Student Guide	50	Jul 03	Pending
Topical Outline	20	Jul 03	Pending
Transparencies - Set of 76	3	Jul 03	Pending
Video Reproducer (Pt # CP-5200U)	1	Jul 03	Pending
Videotape - Electro-Static Discharge (ESD) The Invisible Threat (Pt # 803784DN)	3	Jul 03	Pending
Wall Chart - AN/USM636A 78RAO 5065A (DTU Major Sections)	3	Jul 03	Pending

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-198-3074, CASS Electronic Warfare (EW) With HPDTS Operator/Maintainer (Track E-198-6106)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	
Draft Lesson Plan	2	Jul 03	Pending
Instructor Guide	3	Jul 03	Pending
Portable Electronic Display Device System (PEDDS) Laptop (Pt # 815EEAAL)	9	Jul 03	Pending
Prefaulted Modules (Set of 6)	1	Jul 03	Pending
Student Achievement Tests	50	Jul 03	Pending
Student Guide	54	Jul 03	Pending
Topical Outline	4	Jul 03	Pending

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance (Track E-198-6107)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	
Draft Lesson Plan	2	Jul 03	Pending
Instructor Guide	3	Jul 03	Pending
Overhead Projector (Pt # 4A8A)	1	Jul 03	Pending
Projector Screen (Pt # 4H1D)	1	Nov 94	Onboard
Student Achievement Tests	50	Jul 03	Pending
Student Guide	50	Jul 03	Pending
Topical Outline	20	Jul 03	Pending

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6107)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

TYPES OF MATERIAL OR AID	QTY	DATE	STATUS
	REQD	REQD	
Draft Lesson Plan	2	Jul 03	Pending
Instructor Guide	3	Jul 03	Pending
Overhead Projector (Pt # 4A8A)	3	Jul 03	Pending
Overhead Screen (Pt # Unknown)	3	Jul 03	Pending
Receiver Television (Pt # AV-20TPS)	1	Jul 03	Pending
Student Achievement Tests	50	Jul 03	Pending
Student Guide	50	Jul 03	Pending
Topical Outline	20	Jul 03	Pending
Transparencies - Set of 76	3	Jul 03	Pending
Video Reproducer (Pt # CP-5200U)	1	Jul 03	Pending
Videotape - Electro-Static Discharge (ESD) The Invisible Threat (Pt # 803784DN)	3	Jul 03	Pending
Wall Chart - AN/USM636A 78RAO 5065A (DTU Major Sections)	3	Jul 03	Pending

IV.B.2. CURRICULA MATERIALS AND TRAINING AIDS

CIN, COURSE TITLE: C-198-3074, CASS Electronic Warfare (EW) With HPDTS Operator/Maintainer (Track E-198-6107)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

TYPES OF MATERIAL OR AID

	QTY	DATE	STATUS
	REQD	REQD	
Draft Lesson Plan	2	Jul 03	Pending
Instructor Guide	3	Jul 03	Pending
Portable Electronic Display Device System (PEDDS) Laptop (Pt # 815EEAAL)	9	Jul 03	Pending
Prefaulted Modules (Set of 6)	1	Jul 03	Pending
Student Achievement Tests	50	Jul 03	Pending
Student Guide	54	Jul 03	Pending
Topical Outline	4	Jul 03	Pending

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance
(Track D-198-6101)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
1901AS999-ESD Engineering Support Data for the Calibration of OTPS	Digital	8	Nov 93	Onboard
1901AS999-OTPI Operational Test Program Instruction (OTPI) for CASS Calibration	Digital	8	Nov 93	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 93	Onboard

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance
(Track E-198-6101)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
1901AS999-ESD Engineering Support Data for the Calibration of OTPS	Digital	8	Nov 94	Onboard
1901AS999-OTPI Operational Test Program Instruction (OTPI) for CASS Calibration	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track
D-198-6102)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
2045AS.63-OTPI Test Program Set Documentation (TPSD) for the SMAT OTPS	Digital	8	Nov 93	Onboard
H2051AS740 (dated Jun 99) Prime Item Development Specifications for CASS	Digital	8	Nov 93	Onboard

IV.B.3. TECHNICAL MANUALS

NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Digital	8	Nov 93	Onboard
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Nov 93	Onboard
NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Nov 93	Onboard
OPNAVINST 4790.2 series Naval Aviation Maintenance Program	Digital	8	Nov 93	Onboard
TBD # 4 CASS User's Guide for TPS Developers	Digital	8	Nov 93	Onboard
TBD #2 All Applicable Test Workaround Procedures (TWP)	Digital	8	Nov 93	Onboard
TBD #3 Test Program Set Documentation (TPSD) for UUTs	Digital	8	Nov 93	Onboard

CIN, COURSE TITLE: C-198-3069, AN/USM-636A(V) Common Operator/Maintainer Intermediate Maintenance Course (Track

D-198-6102)

TRAINING ACTIVITY: MTU 3010 NAMTRAU
LOCATION, UIC: NAS Oceana, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
ISBN 0-47159-330-3 Virtual Address Extension (VAX)/Virtual Memory System (VMS) User's Guide	Digital	8	Nov 93	Onboard
ISBN 1-55937-006-8 C/Abbreviated Test Language for All Systems (C/ATLAS) Users Guide	Digital	8	Nov 93	Onboard

IV.B.3. TECHNICAL MANUALS

MIL-HDBK-263A Electrostatic Discharge (ESD) Handbook	Digital	8	Nov 93	Onboard
MIL-STD-1686A ESD Manual	Digital	8	Nov 93	Onboard
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Digital	8	Nov 93	Onboard
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Nov 93	Onboard
NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Nov 93	Onboard
TBD #1 Various UUT MIMs with IPB	Digital	8	Nov 93	Onboard
TBD #2 All Applicable Test Workaround Procedures (TWP)	Digital	8	Nov 93	Onboard
TBD #3 Test Program Set Documentation (TPSD) for UUTs	Digital	8	Nov 93	Onboard
CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6102)				
TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island				
LOCATION, UIC: DET Miramar, 42148				
TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
2045AS.63-OTPI Test Program Set Documentation (TPSD) for the SMAT OTPS	Digital	8	Nov 94	Onboard

IV.B.3. TECHNICAL MANUALS

H2051AS740 (dated Jun 99) Prime Item Development Specifications for CASS	Digital	8	Nov 94	Onboard
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Digital	8	Nov 94	Onboard
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Nov 94	Onboard
NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Nov 94	Onboard
OPNAVINST 4790.2 series Naval Aviation Maintenance Program	Digital	8	Nov 94	Onboard
TBD #4 CASS User's Guide for TPS Developers	Digital	8	Nov 94	Onboard
TBD #2 All Applicable Test Workaround Procedures (TWP)	Digital	8	Nov 94	Onboard
TBD #3 Test Program Set Documentation (TPSD) for UUTs	Digital	8	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3069, AN/USM-636A(V) Common Operator/Maintainer Intermediate Maintenance Course (Track

E-198-6102)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island
LOCATION, UIC: DET Miramar, 42148

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
ISBN 0-47159-330-3 Virtual Address Extension (VAX)/Virtual Memory System (VMS) User's Guide	Digital	8	Nov 94	Onboard

IV.B.3. TECHNICAL MANUALS

ISBN 1-55937-006-8 C/Abbreviated Test Language for All Systems (C/ATLAS) Users Guide	Digital	8	Nov 94	Onboard
MIL-HDBK-263A Electrostatic Discharge (ESD) Handbook	Digital	8	Nov 94	Onboard
MIL-STD-1686A ESD Manual	Digital	8	Nov 94	Onboard
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Digital	8	Nov 94	Onboard
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Nov 94	Onboard
NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Nov 94	Onboard
TBD #1 Various UUT MIMs with IPB	Digital	8	Nov 94	Onboard
TBD #2 All Applicable Test Workaround Procedures (TWP)	Digital	8	Nov 94	Onboard
TBD #3 Test Program Set Documentation (TPSD) for UUTs	Digital	8	Nov 94	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance (Track D-198-6103)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
1901AS999-ESD Engineering Support Data for the Calibration of OTPS	Digital	8	Nov 93	Onboard
1901AS999-OTPI Operational Test Program Instruction (OTPI) for CASS Calibration	Digital	8	Nov 93	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 93	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track D-198-6103)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
2045AS.63-OTPI Test Program Set Documentation (TPSD) for the SMAT OTPS	Digital	8	Nov 93	Onboard
H2051AS740 (dated Jun 99) Prime Item Development Specifications for CASS	Digital	8	Nov 93	Onboard
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Digital	8	Nov 93	Onboard
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Nov 93	Onboard

IV.B.3. TECHNICAL MANUALS

NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Nov 93	Onboard
OPNAVINST 4790.2 series Naval Aviation Maintenance Program	Digital	8	Nov 93	Onboard
TBD # 4 CASS User's Guide for TPS Developers	Digital	8	Nov 93	Onboard
TBD #2 All Applicable Test Workaround Procedures (TWP)	Digital	8	Nov 93	Onboard
TBD #3 Test Program Set Documentation (TPSD) for UUTs	Digital	8	Nov 93	Onboard

CIN, COURSE TITLE: C-198-3069, AN/USM-636A(V) Common Operator/Maintainer Intermediate Maintenance Course (Track

D-198-6103)

TRAINING ACTIVITY: MTU 3010 NAMTRAU
LOCATION, UIC: NAS Oceana, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
ISBN 0-47159-330-3 Virtual Address Extension (VAX)/Virtual Memory System (VMS) User's Guide	Digital	8	Nov 93	Onboard
ISBN 1-55937-006-8 C/Abbreviated Test Language for All Systems (C/ATLAS) Users Guide	Digital	8	Nov 93	Onboard
MIL-HDBK-263A Electrostatic Discharge (ESD) Handbook	Digital	8	Nov 93	Onboard
MIL-STD-1686A ESD Manual	Digital	8	Nov 93	Onboard
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Digital	8	Nov 93	Onboard
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 93	Onboard

IV.B.3. TECHNICAL MANUALS

NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Nov 93	Onboard
NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Nov 93	Onboard
TBD #1 Various UUT MIMs with IPB	Digital	8	Nov 34	Onboard
TBD #2 All Applicable Test Workaround Procedures (TWP)	Digital	8	Nov 93	Onboard
TBD #3 Test Program Set Documentation (TPSD) for UUTs	Digital	8	Nov 93	Onboard

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance (Track E-198-6103)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
1901AS999-ESD Engineering Support Data for the Calibration of OTPS	Digital	8	Nov 94	Onboard
1901AS999-OTPI Operational Test Program Instruction (OTPI) for CASS Calibration	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6103)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
2045AS.63-OTPI Test Program Set Documentation (TPSD) for the SMAT OTPS	Digital	8	Nov 94	Onboard

IV.B.3. TECHNICAL MANUALS

H2051AS740 (dated Jun 99) Prime Item Development Specifications for CASS	Digital	8	Nov 94	Onboard
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Digital	8	Nov 94	Onboard
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Nov 94	Onboard
NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Nov 94	Onboard
OPNAVINST 4790.2 series Naval Aviation Maintenance Program	Digital	8	Nov 94	Onboard
TBD #4 CASS User's Guide for TPS Developers	Digital	8	Nov 94	Onboard
TBD #2 All Applicable Test Workaround Procedures (TWP)	Digital	8	Nov 94	Onboard
TBD #3 Test Program Set Documentation (TPSD) for UUTs	Digital	8	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3069, AN/USM-636A(V) Common Operator/Maintainer Intermediate Maintenance Course (Track

E-198-6103)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
ISBN 0-47159-330-3 Virtual Address Extension (VAX)/Virtual Memory System (VMS) User's Guide	Digital	8	Nov 94	Onboard

IV.B.3. TECHNICAL MANUALS

ISBN 1-55937-006-8 C/Abbreviated Test Language for All Systems (C/ATLAS) Users Guide	Digital	8	Nov 94	Onboard
MIL-HDBK-263A Electrostatic Discharge (ESD) Handbook	Digital	8	Nov 94	Onboard
MIL-STD-1686A ESD Manual	Digital	8	Nov 94	Onboard
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Digital	8	Nov 94	Onboard
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Nov 94	Onboard
NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Nov 94	Onboard
TBD #1 Various UUT MIMs with IPB	Digital	8	Nov 94	Onboard
TBD #2 All Applicable Test Workaround Procedures (TWP)	Digital	8	Nov 94	Onboard
TBD #3 Test Program Set Documentation (TPSD) for UUTs	Digital	8	Nov 94	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track D-198-6104)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
2045AS.63-OTPI Test Program Set Documentation (TPSD) for the SMAT OTPS	Digital	8	Nov 93	Onboard
H2051AS740 (dated Jun 99) Prime Item Development Specifications for CASS	Digital	8	Nov 93	Onboard
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Digital	8	Nov 93	Onboard
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Nov 93	Onboard
NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Nov 93	Onboard
OPNAVINST 4790.2 series Naval Aviation Maintenance Program	Digital	8	Nov 93	Onboard
TBD # 4 CASS User's Guide for TPS Developers	Digital	8	Nov 93	Onboard
TBD #2 All Applicable Test Workaround Procedures (TWP)	Digital	8	Nov 93	Onboard
TBD #3 Test Program Set Documentation (TPSD) for UUTs	Digital	8	Nov 93	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-198-3071, AN/USM-636A(V) High Powered Device Test Subsystem Operator and Maintenance Course (Track D-198-6104)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-75PAC-12-5 Crew Station Maintenance Organization Sensor Station 3	Digital	8	Nov 93	Onboard
NA 16-35OD159-1 Intermediate Maintenance Instruction with IPB	Digital	8	Nov 93	Onboard
NA 16-35R2005-1 Intermediate Maintenance, Receiver-Converter R-2005/AAS-36	Digital	8	Nov 93	Onboard
NA 16-35R2005-2 IPB Receiver-Converter R2005/AAS-36	Digital	8	Nov 93	Onboard
NA 16-45-2910-1-1 Intermediate Maintenance Power Supply-Video Converter PP-7267/AAS-36 and Video Indicator IP-1230/AAS-36	Digital	8	Nov 94	Onboard
NA 16-45-2910-1-2 Intermediate Maintenance Control-Servomechanism C-9982/AAS-36, C-9983/AAS-36, and C-9984/AAS-36	Digital	8	Nov 93	Onboard
NA 16-45-2910-2 Infrared Set AN/AAS-36 IPB	Digital	8	Nov 93	Onboard
NA 16AAM60-1-2 Intermediate and Depot Maintenance, Operation AN/AAM-60	Digital	8	Nov 93	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6104)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
2045AS.63-OTPI Test Program Set Documentation (TPSD) for the SMAT OTPS	Digital	8	Nov 94	Onboard
H2051AS740 (dated Jun 99) Prime Item Development Specifications for CASS	Digital	8	Nov 94	Onboard
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Digital	8	Nov 94	Onboard

IV.B.3. TECHNICAL MANUALS

NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Nov 94	Onboard
NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Nov 94	Onboard
OPNAVINST 4790.2 series Naval Aviation Maintenance Program	Digital	8	Nov 94	Onboard
TBD # 4 CASS User's Guide for TPS Developers	Digital	8	Nov 94	Onboard
TBD #2 All Applicable Test Workaround Procedures (TWP)	Digital	8	Nov 94	Onboard
TBD #3 Test Program Set Documentation (TPSD) for UUTs	Digital	8	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3071, AN/USM-636A(V) High Powered Device Test Subsystem Operator and Maintenance Course (Track E-198-6104)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-75PAC-12-5 Crew Station Maintenance Organization Sensor Station 3	Digital	8	Nov 94	Onboard
NA 16-35OD159-1 Intermediate Maintenance Instruction with IPB	Digital	8	Nov 94	Onboard
NA 16-35R2005-1 Intermediate Maintenance, Receiver-Converter R-2005/AAS-36	Digital	8	Nov 94	Onboard

IV.B.3. TECHNICAL MANUALS

NA 16-35R2005-2 IPB Receiver-Converter R2005/AAS-36	Digital	8	Nov 94	Onboard
NA 16-45-2910-1-1 Intermediate Maintenance Power Supply-Video Converter PP-7267/AAS-36 and Video Indicator IP-1230/AAS-36	Digital	8	Nov 94	Onboard
NA 16-45-2910-1-2 Intermediate Maintenance Control-Servomechanism C-9982/AAS-36, C-9983/AAS-36, and C-9984/AAS-36	Digital	8	Nov 94	Onboard
NA 16-45-2910-2 Infrared Set AN/AAS-36 IPB	Digital	8	Nov 94	Onboard
NA 16AAM60-1-2 Intermediate and Depot Maintenance, Operation AN/AAM-60	Digital	8	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track D-198-6105)

TRAINING ACTIVITY: MTU 3010 NAMTRAU
LOCATION, UIC: NAS Oceana, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
2045AS.63-OTPI Test Program Set Documentation (TPSD) for the SMAT OTPS	Digital	8	Nov 93	Onboard
H2051AS740 (dated Jun 99) Prime Item Development Specifications for CASS	Digital	8	Nov 93	Onboard
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Digital	8	Nov 93	Onboard
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Nov 93	Onboard

IV.B.3. TECHNICAL MANUALS

NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Nov 93	Onboard
OPNAVINST 4790.2 series Naval Aviation Maintenance Program	Digital	8	Nov 93	Onboard
TBD # 4 CASS User's Guide for TPS Developers	Digital	8	Nov 93	Onboard
TBD #2 All Applicable Test Workaround Procedures (TWP)	Digital	8	Nov 93	Onboard
TBD #3 Test Program Set Documentation (TPSD) for UUTs	Digital	8	Nov 93	Onboard

CIN, COURSE TITLE: C-198-3070, AN/USM-636A(V) EO+/FLIR Intermediate Maintenance Course (Track D-198-6105)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
1 All Applicable Test Work-Around Procedures (as released by TYCOM)	Hard copy	8	Nov 93	Onboard
2045AS.63-OTPI Test Program Set Documentation (TPSD) for the SMAT OTPS	Digital	8	Nov 93	Onboard
74D060308-3001 TPSD for OTPS #1	Digital	8	Nov 93	Onboard
74D060310-3001 TPSD for OTPS #3	Digital	8	Nov 93	Onboard
74D060310-3001 Classified Supplement of the Laser Power Supply (LPS) Test Program Instruction, EOSS+ AN/USM636(V)	Digital	8	Nov 93	Onboard
74D060311-3001 TPSD for OTPS #4	Digital	8	Nov 93	Onboard
74D060312-3001 Classified Supplement of the Laser Transmitter Receiver (LTR) Test Program Instruction, EOSS+ AN/USM-636(V)	Digital	8	Nov 93	Onboard

IV.B.3. TECHNICAL MANUALS

74D060312-3001 Classified Supplement of the Laser Detector Tracker (LDT) Test Program Instruction, EOSS+ AN/USM636(V)	Digital	8	Nov 93	Onboard
74D060312-3001 TPSD for OTPS #5	Digital	8	Nov 93	Onboard
AE-830AC-740-000 Infrared Receiver-Converter R2352/ARR-50, Intermediate Maintenance with IPB	Digital	8	Nov 93	Onboard
AE-830AC-740-010 Digital Computer-Converter CP-1805/ARR-50 Intermediate Maintenance with IPB	Digital	8	Nov 93	Onboard
AE-830AC-740-020 Thermal Control HD-1158/AAR-50 Intermediate Maintenance with IPB	Digital	8	Nov 93	Onboard
AW-215AC-740-010 Controller Processor C-10661/AAS-38, Intermediate Maintenance with IPB	Digital	8	Nov 93	Onboard
AW-215AC-740-020 Servo Controller C-10662/AAS-38, Intermediate Maintenance with IPB	Digital	8	Nov 93	Onboard
AW-240AC-740-000 Forward Section Pod MX-10084/AAS-38, MX-10084A/AAS-38, MX-10084B/AAS-38, Intermediate Maintenance with IPB	Digital	8	Nov 93	Onboard
AW-240AC-740-020 Infrared Receiver R-2158/AAS-38, Intermediate Maintenance with IPB	Digital	8	Nov 93	Onboard
AW-240AC-740-060 Laser Power Supply C-10662/AAS-38A, Intermediate Maintenance with IPB	Digital	8	Nov 93	Onboard
AW-240AC-740-070 Laser Transceiver C-10662/AAS-38A, Intermediate Maintenance with IPB	Digital	8	Nov 93	Onboard
AW-241AC-740-010 Laser Detector DT-612/ASQ-173, Intermediate Maintenance with IPB	Digital	8	Nov 93	Onboard

IV.B.3. TECHNICAL MANUALS

AW-242AC-740-000 Optic Stabilizer SU-112/AAS-38, SU-112A/AAS38, SU-112B/AAS-38, Intermediate Maintenance with IPB	Digital	8	Nov 93	Onboard
Model DHE-032/1 EOTS Coolant Unit Operation and Maintenance Manual	Digital	8	Nov 93	Onboard
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 93	Onboard
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Nov 93	Onboard
NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Nov 93	Onboard
NA AT-820ET-MRC-210 Periodic Maintenance Cards, EOTS Coolant Unit	Digital	8	Nov 93	Onboard
NA AT-820ET-S78-500 Intermediate Maintenance with IPB for Electro-Optical Test Set Coolant Unit	Digital	8	Nov 93	Onboard
NA AT-908MA-S41-200 Interconnecting Group ON-520/USM-636(V), Intermediate Maintenance with IPB	Digital	8	Nov 93	Onboard
NA AT-908MA-S41-210 Interconnecting Group ON-521/USM636(V), Intermediate Maintenance with IPB	Digital	8	Nov 93	Onboard
NA AT-908MA-S41-220 Interconnecting Group ON-522/USM636(V), Intermediate Maintenance with IPB	Digital	8	Nov 93	Onboard
NA AT-908MA-S41-230 Interconnecting Group ON-519/USM636(V), Intermediate Maintenance with IPB	Digital	8	Nov 93	Onboard

IV.B.3. TECHNICAL MANUALS

NAQ 01-1A-23 Standard Maintenance Practices, Electronic Assembly Repair	Digital	8	Nov 93	Onboard
NAVEDTRA 11100 Series Interactive Electronic Training Manual, Navy Electricity and Electronic Training Series, CD-ROM	Digital	3	Nov 93	Onboard
CIN, COURSE TITLE:	C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6105)			
TRAINING ACTIVITY:	MTU 3011 NAMTRAU North Island			
LOCATION, UIC:	DET Miramar, 42148			
TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
2045AS.63-OTPI Test Program Set Documentation (TPSD) for the SMAT OTPS	Digital	8	Nov 94	Onboard
H2051AS740 (dated Jun 99) Prime Item Development Specifications for CASS	Digital	8	Nov 94	Onboard
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Digital	8	Nov 94	Onboard
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Nov 94	Onboard
NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Nov 94	Onboard
OPNAVINST 4790.2 series Naval Aviation Maintenance Program	Digital	8	Nov 94	Onboard
TBD # 4 CASS User's Guide for TPS Developers	Digital	8	Nov 94	Onboard

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TBD #2 All Applicable Test Workaround Procedures (TWP)		Digital	8	Nov 94	Onboard
TBD #3 Test Program Set Documentation (TPSD) for UUTs		Digital	8	Nov 94	Onboard
CIN, COURSE TITLE: C-198-3070, AN/USM-636A(V) EO+/FLIR Intermediate Maintenance Course (Track E-198-6105) TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island LOCATION, UIC: DET Miramar, 42148					
TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS	
1 All Applicable Test Work-Around Procedures (as released by TYCOM)	Hard copy	8	Nov 94	Onboard	
2045AS.63-OTPI Test Program Set Documentation (TPSD) for the SMAT OTPS	Digital	8	Nov 94	Onboard	
74D060308-3001 TPSD for OTPS #1	Digital	8	Nov 94	Onboard	
74D060310-3001 Classified Supplement of the Laser Power Supply (LPS) Test Program Instruction, EOSS+ AN/USM636(V)	Digital	8	Nov 94	Onboard	
74D060310-3001 TPSD for OTPS #3	Digital	8	Nov 94	Onboard	
74D060311-3001 TPSD for OTPS #4	Digital	8	Nov 94	Onboard	
74D060312-3001 Classified Supplement of the Laser Detector Tracker (LDT) Test Program Instruction, EOSS+ AN/USM636(V)	Digital	8	Nov 94	Onboard	
74D060312-3001 Classified Supplement of the Laser Transmitter Receiver (LTR) Test Program Instruction, EOSS+ AN/USM-636(V)	Digital	8	Nov 94	Onboard	
74D060312-3001 TPSD for OTPS #5	Digital	8	Nov 94	Onboard	
AE-830AC-740-000 Infrared Receiver-Converter R2352/ARR-50, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard	

IV.B.3. TECHNICAL MANUALS

AE-830AC-740-010 Digital Computer-Converter CP-1805/ARR-50 Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AE-830AC-740-020 Thermal Control HD-1158/AAR-50 Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AW-215AC-740-010 Controller Processor C-10661/AAS-38, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AW-215AC-740-020 Servo Controller C-10662/AAS-38, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AW-240AC-740-000 Forward Section Pod MX-10084/AAS-38, MX-10084A/AAS-38, MX-10084B/AAS-38, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AW-240AC-740-020 Infrared Receiver R-2158/AAS-38, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AW-240AC-740-060 Laser Power Supply C-10662/AAS-38A, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AW-240AC-740-070 Laser Transceiver C-10662/AAS-38A, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AW-241AC-740-010 Laser Detector DT-612/ASQ-173, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AW-242AC-740-000 Optic Stabilizer SU-112/AAS-38, SU-112A/AAS38, SU-112B/AAS-38, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
Model DHE-032/1 EOTS Coolant Unit Operation and Maintenance Manual	Digital	8	Nov 94	Onboard
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Nov 94	Onboard

IV.B.3. TECHNICAL MANUALS

NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Nov 94	Onboard
NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Nov 94	Onboard
NA AT-820ET-MRC-210 Periodic Maintenance Cards, EOTS Coolant Unit	Digital	8	Nov 94	Onboard
NA AT-820ET-S78-500 Intermediate Maintenance with IPB for Electro-Optical Test Set Coolant Unit	Digital	8	Nov 94	Onboard
NA AT-908MA-S41-200 Interconnecting Group ON-520/USM-636(V), Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
NA AT-908MA-S41-210 Interconnecting Group ON-521/USM636(V), Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
NA AT-908MA-S41-220 Interconnecting Group ON-522/USM636(V), Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
NA AT-908MA-S41-230 Interconnecting Group ON-519/USM636(V), Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
NAQ 01-1A-23 Standard Maintenance Practices, Electronic Assembly Repair	Digital	8	Nov 94	Onboard
NAVEDTRA 11100 Series Interactive Electronic Training Manual, Navy Electricity and Electronic Training Series, CD-ROM	Digital	3	Nov 94	Onboard

IV.B.3. TECHNICAL MANUALS

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance (Track E-198-6108)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
1901AS999-ESD Engineering Support Data for the Calibration of OTPS	Digital	8	Nov 94	Onboard
1901AS999-OTPI Operational Test Program Instruction (OTPI) for CASS Calibration	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6108)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
2045AS.63-OTPI Test Program Set Documentation (TPSD) for the SMAT OTPS	Digital	8	Nov 94	Onboard
H2051AS740 (dated Jun 99) Prime Item Development Specifications for CASS	Digital	8	Nov 94	Onboard
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Digital	8	Nov 94	Onboard
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Nov 94	Onboard

IV.B.3. TECHNICAL MANUALS

NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Nov 94	Onboard
OPNAVINST 4790.2 series Naval Aviation Maintenance Program	Digital	8	Nov 94	Onboard
TBD # 4 CASS User's Guide for TPS Developers	Digital	8	Nov 94	Onboard
TBD #2 All Applicable Test Workaround Procedures (TWP)	Digital	8	Nov 94	Onboard
TBD #3 Test Program Set Documentation (TPSD) for UUTs	Digital	8	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3070, AN/USM-636A(V) EO+/FLIR Intermediate Maintenance Course (Track E-198-6108)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
1 All Applicable Test Work-Around Procedures (as released by TYCOM)	Hard copy	8	Nov 94	Onboard
2045AS.63-OTPI Test Program Set Documentation (TPSD) for the SMAT OTPS	Digital	8	Nov 94	Onboard
74D060308-3001 TPSD for OTPS #1	Digital	8	Nov 94	Onboard
74D060310-3001 TPSD for OTPS #3	Digital	8	Nov 94	Onboard
74D060310-3001 Classified Supplement of the Laser Power Supply (LPS) Test Program Instruction, EOSS+ AN/USM636(V)	Digital	8	Nov 94	Onboard
74D060311-3001 TPSD for OTPS #4	Digital	8	Nov 94	Onboard
74D060312-3001 TPSD for OTPS #5	Digital	8	Nov 94	Onboard
74D060312-3001 Classified Supplement of the Laser Detector Tracker (LDT) Test Program Instruction, EOSS+ AN/USM636(V)	Digital	8	Nov 94	Onboard

IV.B.3. TECHNICAL MANUALS

74D060312-3001 Classified Supplement of the Laser Transmitter Receiver (LTR) Test Program Instruction, EOSS+ AN/USM-636(V)	Digital	8	Nov 94	Onboard
AE-830AC-740-000 Infrared Receiver-Converter R2352/ARR-50, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AE-830AC-740-010 Digital Computer-Converter CP-1805/ARR-50 Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AE-830AC-740-020 Thermal Control HD-1158/AAR-50 Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AW-215AC-740-010 Controller Processor C-10661/AAS-38, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AW-215AC-740-020 Servo Controller C-10662/AAS-38, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AW-240AC-740-000 Forward Section Pod MX-10084/AAS-38, MX-10084A/AAS-38, MX-10084B/AAS-38, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AW-240AC-740-020 Infrared Receiver R-2158/AAS-38, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AW-240AC-740-060 Laser Power Supply C-10662/AAS-38A, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AW-240AC-740-070 Laser Transceiver C-10662/AAS-38A, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AW-241AC-740-010 Laser Detector DT-612/ASQ-173, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
AW-242AC-740-000 Optic Stabilizer SU-112/AAS-38, SU-112A/AAS38, SU-112B/AAS-38, Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard

IV.B.3. TECHNICAL MANUALS

Model DHE-032/1 EOTS Coolant Unit Operation and Maintenance Manual	Digital	8	Nov 94	Onboard
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Nov 94	Onboard
NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Nov 94	Onboard
NA AT-820ET-MRC-210 Periodic Maintenance Cards, EOTS Coolant Unit	Digital	8	Nov 94	Onboard
NA AT-820ET-S78-500 Intermediate Maintenance with IPB for Electro-Optical Test Set Coolant Unit	Digital	8	Nov 94	Onboard
NA AT-908MA-S41-200 Interconnecting Group ON-520/USM-636(V), Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
NA AT-908MA-S41-210 Interconnecting Group ON-521/USM636(V), Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
NA AT-908MA-S41-220 Interconnecting Group ON-522/USM636(V), Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
NA AT-908MA-S41-230 Interconnecting Group ON-519/USM636(V), Intermediate Maintenance with IPB	Digital	8	Nov 94	Onboard
NAQ 01-1A-23 Standard Maintenance Practices, Electronic Assembly Repair	Digital	8	Nov 94	Onboard

IV.B.3. TECHNICAL MANUALS

NAVEDTRA 11100 Series Digital 3 Nov 94 Onboard
 Interactive Electronic Training Manual, Navy Electricity and Electronic Training Series, CD-ROM

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance (Track E-198-6109)

TRAINING ACTIVITY: MTU 1083 NAMTRAU
LOCATION, UIC: NAS Whidbey Island, 66058

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
1901AS999-ESD Engineering Support Data for the Calibration of OTPS	Digital	8	Nov 94	Onboard
1901AS999-OTPI Operational Test Program Instruction (OTPI) for CASS Calibration	Digital	8	Jul 03	Pending
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Jul 03	Onboard

CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance (Track E-198-6109)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island
LOCATION, UIC: DET Miramar, 42148

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
1901AS999-ESD Engineering Support Data for the Calibration of OTPS	Digital	8	Nov 94	Onboard
1901AS999-OTPI Operational Test Program Instruction (OTPI) for CASS Calibration	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6109)

TRAINING ACTIVITY: MTU 1083 NAMTRAU
LOCATION, UIC: NAS Whidbey Island, 66058

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
2045AS.63-OTPI Test Program Set Documentation (TPSD) for the SMAT OTPS	Digital	8	Jul 03	Pending

IV.B.3. TECHNICAL MANUALS

H2051AS740 (dated Jun 99) Prime Item Development Specifications for CASS	Digital	8	Jul 03	Pending
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Digital	8	Jul 03	Pending
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Jul 03	Pending
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Jul 03	Pending
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Jul 03	Pending
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Jul 03	Pending
NA 16-30USM636-3-1 Digital 8 Jul 03 Pending Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment				
OPNAVINST 4790.2 series Naval Aviation Maintenance Program	Digital	8	Jul 03	Pending
TBD # 4 CASS User's Guide for TPS Developers	Digital	8	Jul 03	Pending
TBD #2 All Applicable Test Workaround Procedures (TWP)	Digital	8	Jul 03	Pending
TBD #3 Test Program Set Documentation (TPSD) for UUTs	Digital	8	Jul 03	Pending
CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6109)				
TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island				
LOCATION, UIC: DET Miramar, 42148				
TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
2045AS.63-OTPI Test Program Set Documentation (TPSD) for the SMAT OTPS	Digital	8	Nov 94	Onboard

IV.B.3. TECHNICAL MANUALS

H2051AS740 (dated Jun 99) Prime Item Development Specifications for CASS	Digital	8	Nov 94	Onboard
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Digital	8	Nov 94	Onboard
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Nov 94	Onboard
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Nov 94	Onboard
NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Nov 94	Onboard
OPNAVINST 4790.2 series Naval Aviation Maintenance Program	Digital	8	Nov 94	Onboard
TBD #4 CASS User's Guide for TPS Developers	Digital	8	Nov 94	Onboard
TBD #2 All Applicable Test Workaround Procedures (TWP)	Digital	8	Nov 94	Onboard
TBD #3 Test Program Set Documentation (TPSD) for UUTs	Digital	8	Nov 94	Onboard
CIN, COURSE TITLE: C-198-3071, AN/USM-636A(V) High Powered Device Test Subsystem Operator and Maintenance Course (Track E-198-6109)				
TRAINING ACTIVITY: MTU 1083 NAMTRAU				
LOCATION, UIC: NAS Whidbey Island, 66058				
TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-75PAC-12-5 Crew Station Maintenance Organization Sensor Station 3	Digital	8	Jul 03	Pending

IV.B.3. TECHNICAL MANUALS

NA 16-35OD159-1 Intermediate Maintenance Instruction with IPB	Digital	8	Nov 94	Onboard
NA 16-35R2005-1 Intermediate Maintenance, Receiver-Converter R-2005/AAS-36	Digital	8	Jul 03	Pending
NA 16-35R2005-2 IPB Receiver-Converter R2005/AAS-36	Digital	8	Jul 03	Pending
NA 16-45-2910-1-1 Intermediate Maintenance Power Supply-Video Converter PP-7267/AAS-36 and Video Indicator IP-1230/AAS-36	Digital	8	Jul 03	Pending
NA 16-45-2910-1-2 Intermediate Maintenance Control-Servomechanism C-9982/AAS-36, C-9983/AAS-36, and C-9984/AAS-36	Digital	8	Jul 03	Pending
NA 16-45-2910-2 Infrared Set AN/AAS-36 IPB	Digital	8	Jul 03	Pending
NA 16AAM60-1-2 Intermediate and Depot Maintenance, Operation AN/AAM-60	Digital	8	Jul 03	Pending

CIN, COURSE TITLE: C-198-3071, AN/USM-636A(V) High Powered Device Test Subsystem Operator and Maintenance Course (Track E-198-6109)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island
LOCATION, UIC: DET Miramar, 42148

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
NA 01-75PAC-12-5 Crew Station Maintenance Organization Sensor Station 3	Digital	8	Nov 94	Onboard
NA 16-35OD159-1 Intermediate Maintenance Instruction with IPB	Digital	8	Nov 94	Onboard
NA 16-35R2005-1 Intermediate Maintenance, Receiver-Converter R-2005/AAS-36	Digital	8	Nov 94	Onboard
NA 16-35R2005-2 IPB Receiver-Converter R2005/AAS-36	Digital	8	Nov 94	Onboard
NA 16-45-2910-1-1 Intermediate Maintenance Power Supply-Video Converter PP-7267/AAS-36 and Video Indicator IP-1230/AAS-36	Digital	8	Nov 94	Onboard

IV.B.3. TECHNICAL MANUALS

NA 16-45-2910-1-2 Intermediate Maintenance Control-Servomechanism C-9982/AAS-36, C-9983/AAS-36, and C-9984/AAS-36	Digital	8	Nov 94	Onboard
NA 16-45-2910-2 Infrared Set AN/AAS-36 IPB	Digital	8	Nov 94	Onboard
NA 16AAM60-1-2 Intermediate and Depot Maintenance, Operation AN/AAM-60	Digital	8	Nov 94	Onboard

CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6106)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
2045AS.63-OTPI Test Program Set Documentation (TPSD) for the SMAT OTPS	Digital	8	Jul 03	Pending
H2051AS740 (dated Jun 99) Prime Item Development Specifications for CASS	Digital	8	Jul 03	Pending
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Digital	8	Jul 03	Pending
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Jul 03	Pending
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Jul 03	Pending
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Jul 03	Pending
NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Jul 03	Pending
NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Jul 03	Pending
OPNAVINST 4790.2 series Naval Aviation Maintenance Program	Digital	8	Jul 03	Pending

IV.B.3. TECHNICAL MANUALS

TBD #4 CASS User's Guide for TPS Developers	Digital	8	Jul 03	Pending
TBD #2 All Applicable Test Workaround Procedures (TWP)	Digital	8	Jul 03	Pending
TBD #3 Test Program Set Documentation (TPSD) for UUTs	Digital	8	Jul 03	Pending

CIN, COURSE TITLE: C-198-3074, CASS Electronic Warfare (EW) With HPDTS Operator/Maintainer (Track E-198-6106)

TRAINING ACTIVITY: MTU 1083 NAMTRAU

LOCATION, UIC: NAS Whidbey Island, 66058

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
AFP 51-45 Electronic Combat Principles	Digital	8	Jul 03	Pending
NA 01-85ADC-2-61 Com/Nav Defensive ECM and Tactical Jamming System	Digital	8	Jul 03	Pending
NA 16-352001-2 Countermeasures Receiver R2001/ALQ-99D	Digital	8	Jul 03	Pending
NA 16-35CV3994-1 Signal Convertor/Storer Instructional Media Material (IMM)/IPB	Digital	8	Jul 03	Pending
NA 16-35CV4301-1 Countermeasures Radio Frequency	Digital	8	Jul 03	Pending
NA 16-35CV4301-1A Countermeasures Radio Frequency	Digital	8	Jul 03	Pending
NA 16-35ON471-1 IMM/IPB For Interconnecting Group ON-471/USM-636	Digital	8	Jul 03	Pending
NA 16-35ON523-1 IMM/IPB For Interconnecting Group ON-523/USM-636	Digital	8	Jul 03	Pending
NA 16-35R1845-1 Countermeasures Receiver	Digital	8	Jul 03	Pending
NA 16-35R1845-2 Countermeasures Receiver R-1845/ALQ-99	Digital	8	Jul 03	Pending
NA 16-35R1999-1 Countermeasures Receiver	Digital	8	Jul 03	Pending

IV.B.3. TECHNICAL MANUALS

NA 16-35R1999-2 Countermeasures Receiver IPB	Digital	8	Jul 03	Pending
NA 16-35R2001-1 Countermeasures Receiver	Digital	8	Jul 03	Pending
NA 16-35R2003-1 Countermeasures Receiver R2003/ALQ-99D	Digital	8	Jul 03	Pending
NA 16-35R2003-2 Countermeasures Receiver R2003 IPB	Digital	8	Jul 03	Pending
NA 16-35R2004-1 Countermeasures Receiver R1846	Digital	8	Jul 03	Pending
NA 16-35R2004-2 Countermeasures Receiver R2004 IPB	Digital	8	Jul 03	Pending
NA 16-35T1097-1 Band 1E Transmitter/Antenna Assembly/Band 2 Countermeasures Transmitter	Digital	8	Jul 03	Pending
NA 16-35T1099-1.1 Countermeasures Transmitter - Antenna	Digital	8	Jul 03	Pending
NA 16-35T1099-1.2 Countermeasures Transmitter - Antenna	Digital	8	Jul 03	Pending
NA 16-35T1099-2 Countermeasures Transmitter - Antenna	Digital	8	Jul 03	Pending
NA 16-35T1250-2 Countermeasures Transmitter SRAs	Digital	8	Jul 03	Pending
NA 16-35T1593-1 Band 9/10 Countermeasures Transmitter	Digital	8	Jul 03	Pending
NA 16-35USM636-1-1 CASS Operator Instructions	Digital	8	Jul 03	Pending
NA 16-35USM636-2-1 Consolidated Automated Support System IMM/IPB	Digital	8	Jul 03	Pending
NA 16-35USM636-2-2 Consolidated Automated Support System IMM/IPB	Digital	8	Jul 03	Pending
NA 16-35USM636-3-1 Consolidated Automated Support System IMM/IPB SMAT	Digital	8	Jul 03	Pending

IV.B.3. TECHNICAL MANUALS

NA 16-35USM636-3-2 Consolidated Automated Support System IMM/IPB Calibration	Digital	8	Jul 03	Pending
CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance (Track E-198-6107)				
TRAINING ACTIVITY: MTU 1083 NAMTRAU				
LOCATION, UIC: NAS Whidbey Island, 66058				
TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
1901AS999-ESD Engineering Support Data for the Calibration of OTPS	Digital	8	Nov 94	Onboard
1901AS999-OTPI Operational Test Program Instruction (OTPI) for CASS Calibration	Digital	8	Jul 03	Pending
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Jul 03	Pending
CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track E-198-6107)				
TRAINING ACTIVITY: MTU 1083 NAMTRAU				
LOCATION, UIC: NAS Whidbey Island, 66058				
TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
2045AS.63-OTPI Test Program Set Documentation (TPSD) for the SMAT OTPS	Digital	8	Jul 03	Pending
H2051AS740 (dated Jun 99) Prime Item Development Specifications for CASS	Digital	8	Jul 03	Pending
NA 01-1A-23 Electronic Assembly Repair Standard Maintenance Practices	Digital	8	Jul 03	Pending
NA 16-1-8.4.1 Work Unit Code, Aeronautical Support Equipment	Digital	8	Jul 03	Pending
NA 16-30USM636-1-1 Operator's Instructions for Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Jul 03	Pending
NA 16-30USM636-2-1 Intermediate Maintenance with IPB, Electrical Equipment Test Sets and Ancillary Equipment	Digital	8	Jul 03	Pending

IV.B.3. TECHNICAL MANUALS

NA 16-30USM636-2-2 Intermediate Maintenance with IPB, for Shop Replaceable Assemblies	Digital	8	Jul 03	Pending
NA 16-30USM636-3-1 Intermediate Maintenance with IPB, for Self-Maintenance OTPS Support Equipment	Digital	8	Jul 03	Pending
OPNAVINST 4790.2 series Naval Aviation Maintenance Program	Digital	8	Jul 03	Pending
TBD # 4 CASS User's Guide for TPS Developers	Digital	8	Jul 03	Pending
TBD #2 All Applicable Test Workaround Procedures (TWP)	Digital	8	Jul 03	Pending
TBD #3 Test Program Set Documentation (TPSD) for UUTs	Digital	8	Jul 03	Pending

CIN, COURSE TITLE: C-198-3074, CASS Electronic Warfare (EW) With HPDTS Operator/Maintainer (Track E-198-6107)
TRAINING ACTIVITY: MTU 1083 NAMTRAU
LOCATION, UIC: NAS Whidbey Island, 66058

TECHNICAL MANUAL NUMBER / TITLE	MEDIUM	QTY REQD	DATE REQD	STATUS
AFP 51-45 Electronic Combat Principles	Digital	8	Jul 03	Pending
NA 01-85ADC-2-61 Com/Nav Defensive ECM and Tactical Jamming System	Digital	8	Jul 03	Pending
NA 16-352001-2 Countermeasures Receiver R2001/ALQ-99D	Digital	8	Jul 03	Pending
NA 16-35CV3994-1 Signal Convertor/Storer Instructional Media Material (IMM)/IPB	Digital	8	Jul 03	Pending
NA 16-35CV4301-1 Countermeasures Radio Frequency	Digital	8	Jul 03	Pending
NA 16-35CV4301-1A Countermeasures Radio Frequency	Digital	8	Jul 03	Pending
NA 16-35ON471-1 IMM/IPB For Interconnecting Group ON-471/USM-636	Digital	8	Jul 03	Pending

IV.B.3. TECHNICAL MANUALS

NA 16-35ON523-1 IMM/IPB For Interconnecting Group ON-523/USM-636	Digital	8	Jul 03	Pending
NA 16-35R1845-1 Countermeasures Receiving	Digital	8	Jul 03	Pending
NA 16-35R1845-2 Countermeasures Receiver R-1845/ALQ-99	Digital	8	Jul 03	Pending
NA 16-35R1999-1 Countermeasures Receiver	Digital	8	Jul 03	Pending
NA 16-35R1999-2 Countermeasures Receiver IPB	Digital	8	Jul 03	Pending
NA 16-35R2001-1 Countermeasures Receiver	Digital	8	Jul 03	Pending
NA 16-35R2003-1 Countermeasures Receiver R2003/ALQ-99D	Digital	8	Jul 03	Pending
NA 16-35R2003-2 Countermeasures Receiver R2003 IPB	Digital	8	Jul 03	Pending
NA 16-35R2004-1 Countermeasures Receiver R1846	Digital	8	Jul 03	Pending
NA 16-35R2004-2 Countermeasures Receiver R2004 IPB	Digital	8	Jul 03	Pending
NA 16-35T1097-1 Band 1E Transmitter/Antenna Assembly/Band 2 Countermeasures Transmitter	Digital	8	Jul 03	Pending
NA 16-35T1099-1.1 Countermeasures Transmitter - Antenna	Digital	8	Jul 03	Pending
NA 16-35T1099-1.2 Countermeasures Transmitter - Antenna	Digital	8	Jul 03	Pending
NA 16-35T1099-2 Countermeasures Transmitter - Antenna	Digital	8	Jul 03	Pending
NA 16-35T1250-2 Countermeasures Transmitter SRAs	Digital	8	Jul 03	Pending
NA 16-35T1593-1 Band 9/10 Countermeasures Transmitter	Digital	8	Jul 03	Pending

IV.B.3. TECHNICAL MANUALS

NA 16-35USM636-1-1 CASS Operator Instructions	Digital	8	Jul 03	Pending
NA 16-35USM636-2-1 Consolidated Automated Support System IMM/IPB	Digital	8	Jul 03	Pending
NA 16-35USM636-2-2 Consolidated Automated Support System IMM/IPB	Digital	8	Jul 03	Pending
NA 16-35USM636-3-1 Consolidated Automated Support System IMM/IPB SMAT	Digital	8	Jul 03	Pending
NA 16-35USM636-3-2 Consolidated Automated Support System IMM/IPB Calibration	Digital	8	Jul 03	Pending

NOTE: Each CASS station and Optical Reader System is equipped with all technical manuals in digital format.

IV.C. FACILITY REQUIREMENTS

IV.C.1. FACILITY REQUIREMENTS SUMMARY (SPACE/SUPPORT) BY ACTIVITY

CIN, TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance
(Track D-198-6101)

TRAINING ACTIVITY: MTU 3010 NAMTRAU
LOCATION, UIC: NAS Oceana, 66045

REQUIRED RFT DATE: Dec 1993

SQUARE FEET SPACE REQUIREMENTS			MAJOR EFR REQUIREMENTS			FACILITIES SUPPORT AVAILABILITY			
ACADEMIC CLASS	LAB	APPROVED CLASS/LAB	(KW) POWER	A/C TONS	OTHER CRITICAL	SPACE AVAILABLE	(KW) POWER	A/C TONS	OTHER CRITICAL
3678	7312	10990	750	60	None	Fully	750	60	None

REQUIRED RFT DATE: Dec 1993

SQUARE FEET SPACE REQUIREMENTS			MAJOR EFR REQUIREMENTS			FACILITIES SUPPORT AVAILABILITY			
ACADEMIC CLASS	LAB	APPROVED CLASS/LAB	(KW) POWER	A/C TONS	OTHER CRITICAL	SPACE AVAILABLE	(KW) POWER	A/C TONS	OTHER CRITICAL

CIN, TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance
(Track E-198-6101)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island
LOCATION, UIC: DET Miramar, 42148

REQUIRED RFT DATE: Dec 1994

SQUARE FEET SPACE REQUIREMENTS			MAJOR EFR REQUIREMENTS			FACILITIES SUPPORT AVAILABILITY			
ACADEMIC CLASS	LAB	APPROVED CLASS/LAB	(KW) POWER	A/C TONS	OTHER CRITICAL	SPACE AVAILABLE	(KW) POWER	A/C TONS	OTHER CRITICAL
3678	7312	10990	750	60	None	Fully	750	60	None

REQUIRED RFT DATE: Dec 1994

SQUARE FEET SPACE REQUIREMENTS			MAJOR EFR REQUIREMENTS			FACILITIES SUPPORT AVAILABILITY			
ACADEMIC CLASS	LAB	APPROVED CLASS/LAB	(KW) POWER	A/C TONS	OTHER CRITICAL	SPACE AVAILABLE	(KW) POWER	A/C TONS	OTHER CRITICAL

IV.C.1. FACILITY REQUIREMENTS SUMMARY (SPACE/SUPPORT) BY ACTIVITY

CIN, TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course (Track D-198-6102)

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

REQUIRED RFT DATE: Dec 1993

SQUARE FEET SPACE REQUIREMENTS			MAJOR EFR REQUIREMENTS			FACILITIES SUPPORT AVAILABILITY			
ACADEMIC CLASS	LAB	APPROVED CLASS/LAB	(KW) POWER	A/C TONS	OTHER CRITICAL	SPACE AVAILABLE	(KW) POWER	A/C TONS	OTHER CRITICAL
3678	7312	10990	750	60	None	Fully	750	60	None

REQUIRED RFT DATE: Dec 1993

SQUARE FEET SPACE REQUIREMENTS			MAJOR EFR REQUIREMENTS			FACILITIES SUPPORT AVAILABILITY			
ACADEMIC CLASS	LAB	APPROVED CLASS/LAB	(KW) POWER	A/C TONS	OTHER CRITICAL	SPACE AVAILABLE	(KW) POWER	A/C TONS	OTHER CRITICAL

CIN, TITLE: C-198-3069, AN/USM-636A(V) Common Operator/Maintainer Intermediate Maintenance Course (Track E-198-6102)

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

REQUIRED RFT DATE: Dec 1994

SQUARE FEET SPACE REQUIREMENTS			MAJOR EFR REQUIREMENTS			FACILITIES SUPPORT AVAILABILITY			
ACADEMIC CLASS	LAB	APPROVED CLASS/LAB	(KW) POWER	A/C TONS	OTHER CRITICAL	SPACE AVAILABLE	(KW) POWER	A/C TONS	OTHER CRITICAL
3678	7312	10990	750	60	None	Fully	750	60	None

REQUIRED RFT DATE: Dec 1994

SQUARE FEET SPACE REQUIREMENTS			MAJOR EFR REQUIREMENTS			FACILITIES SUPPORT AVAILABILITY			
ACADEMIC CLASS	LAB	APPROVED CLASS/LAB	(KW) POWER	A/C TONS	OTHER CRITICAL	SPACE AVAILABLE	(KW) POWER	A/C TONS	OTHER CRITICAL

IV.C.2. FACILITY REQUIREMENTS DETAILED BY ACTIVITY AND COURSE

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045
CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance

BUILDING AND ROOM NUMBER:
TYPE OF FACILITY PROJECT:
FACILITY PROJECT NUMBER:
REQUIRED PROJECT AWARD:
REQUIRED UCD:
REQUIRED RFT: Dec 1993
STATUS:

BUILDING AND ROOM NUMBER: NA
TYPE OF FACILITY PROJECT: MILCON
FACILITY PROJECT NUMBER: P-185
REQUIRED PROJECT AWARD: Jan 1990
REQUIRED UCD: Sep 1991
REQUIRED RFT: Dec 1993
STATUS: Completed

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045
CIN, COURSE TITLE: C-198-3044, AN/USM-636A(V) CASS Common Core Intermediate Maintenance Course

BUILDING AND ROOM NUMBER:
TYPE OF FACILITY PROJECT:
FACILITY PROJECT NUMBER:
REQUIRED PROJECT AWARD:
REQUIRED UCD:
REQUIRED RFT: Dec 1993
STATUS:

BUILDING AND ROOM NUMBER: NA
TYPE OF FACILITY PROJECT: MILCON
FACILITY PROJECT NUMBER: P-185
REQUIRED PROJECT AWARD: Jan 1990
REQUIRED UCD: Sep 1991
REQUIRED RFT: Dec 1993
STATUS: Completed

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148
CIN, COURSE TITLE: C-198-3043, AN/USM-636A(V) CASS Advanced Maintenance/Calibration Intermediate Maintenance

IV.C.2. FACILITY REQUIREMENTS DETAILED BY ACTIVITY AND COURSE

BUILDING AND ROOM NUMBER:

TYPE OF FACILITY PROJECT:

FACILITY PROJECT NUMBER:

REQUIRED PROJECT AWARD:

REQUIRED UCD:

REQUIRED RFT: Dec 1994

STATUS:

BUILDING AND ROOM NUMBER: NA.

TYPE OF FACILITY PROJECT: MILCON

FACILITY PROJECT NUMBER: P-350

REQUIRED PROJECT AWARD: Jan 1991

REQUIRED UCD: Jul 1992

REQUIRED RFT: Dec 1994

STATUS: Completed

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

CIN, COURSE TITLE: C-198-3069, AN/USM-636A(V) Common Operator/Maintainer Intermediate Maintenance Course

BUILDING AND ROOM NUMBER:

TYPE OF FACILITY PROJECT:

FACILITY PROJECT NUMBER:

REQUIRED PROJECT AWARD:

REQUIRED UCD:

REQUIRED RFT: Dec 1994

STATUS:

BUILDING AND ROOM NUMBER: NA.

TYPE OF FACILITY PROJECT: MILCON

FACILITY PROJECT NUMBER: P-350

REQUIRED PROJECT AWARD: Jan 1991

REQUIRED UCD: Jul 1992

REQUIRED RFT: Dec 1994

STATUS: Completed

IV.C.3. FACILITY PROJECT SUMMARY BY PROGRAM

TRAINING ACTIVITY: MTU 3010 NAMTRAU

LOCATION, UIC: NAS Oceana, 66045

PROJECT NUMBER	TOTAL SCOPE	PROJECTED AWARD DATE	PROJECTED UCD	STATUS
P-185	14600	Jan 1990	Sep 1991	Completed

TRAINING ACTIVITY: MTU 3011 NAMTRAU North Island

LOCATION, UIC: DET Miramar, 42148

PROJECT NUMBER	TOTAL SCOPE	PROJECTED AWARD DATE	PROJECTED UCD	STATUS
P-350	1460	Jan 1992	Sep 1992	Completed



PART V - MPT MILESTONES

COG CODE	MPT MILESTONES	DATE	STATUS
DA	Began Analysis of MPT Requirements	Jan 83	Completed
DA	Distributed NTSP	Jun 87	Completed
DA	Updated Manpower Requirements Analysis	Jun 89	Completed
OPO	Approved NTSP	Jan 90	Completed
DA	Began DT Training	Feb 90	Completed
TSA	Began Training Services	Feb 90	Completed
DA	Began DT-IIC Phase I	Apr 90	Completed
DA	Began OT Training	Apr 90	Completed
OPTEVFOR	Began OT-IIA on the HYB Configuration	Apr 90	Completed
OPO	Chaired NTSP Conference; Issued Minutes and Action Items	May 90	Completed
DA	Awarded Production Contract	Sep 90	Completed
DA	Distributed Updated NTSP	Apr 91	Completed
TSA	Began Initial Training	May 91	Completed
DA	Fleet Introduction	May 93	Completed
TSA	Delivered Curricula Materials to MTU 3010	Sep 93	Completed
TSA	Delivered TTE to MTU 3010	Nov 93	Completed
TA	Began Follow-on Training at MTU 3010	Jan 94	Completed
OPO	Chaired NTSP Conference; Issued Minutes and Action Items	Feb 94	Completed
TSA	Delivered Training Devices (OR System)	Jul 94	Completed
TSA	Delivered Curricula Materials to MTU 3011	Sep 94	Completed
TSA	Delivered TTE to MTU 3011	Nov 94	Completed
TA	Began Follow-on Training at MTU 3011	Jan 95	Completed
OPO	Chaired NTSP Conference; Issued Minutes and Action Items	Apr 95	Completed
OPO	Approved NTSP	Jul 95	Completed
OPO	Chaired NTSP Conference; Issued Minutes and Action Items	Mar 96	Completed
DA	Achieved MSD and NSD on Block 1 HYB, CNI, and RF	Feb 97	Completed
TA	Revised and Validated Curricula Materials	May 98	Completed
TA	Revised and Validated Curricula Materials	Mar 00	Completed
DA	Achieved MSD and NSD on the EO+	Jul 00	Completed
DA	Achieve NSD and MSD on Block 2 HYB, CNI, and RF	Sep 00	Pending
TA	Begin EO+ Training Courses	Sep 01	Pending
TA	Begin HPDTS Training Courses	Dec 01	Pending
OPO	Developed Draft NTSP (Update)	Oct 02	Completed



PART VI - DECISION ITEMS / ACTION REQUIRED

DECISION ITEM OR ACTION REQUIRED	COMMAND ACTION	DUe DATE	STATUS
Expand NAMTRAGRU / NAESU partnership as follows: NAMTRAGRU to develop / maintain TPS specific curriculum (with NADEP assist). NATEC to provide on-site training to the fleet.	NAMTRAGRU / NADEP		Monitor
Provide the POA&M to the fleet - ASAP. The dates need to be adhered to.	PMA205 / NAMTRAU		Monitor
Forward all information concerning OMS and its capabilities to the NAMTRA site. This will allow the curriculum to be updated to provide "just in time" training.	Lakehurst / FST		Monitor
Provide listing of HPOC WRAs/UUTs to NAMTRAGRU.	PMA260		Open
Provide listing of WRAs/UUTs that will be provided to the NAMTRAGRUs.	Platform PMAs		Open
The OLRS, as a training aid, needs to be replaced by PCs. This is a long-term solution that will complement future Computer-Based Training.	PMA260 / PMA205		Open



PART VII - POINTS OF CONTACT

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